



"Kemp, Mark"  
<Mark.Kemp@atlantahousing.org>

11/17/2006 12:14 PM

To Carolyn Callihan/R4/USEPA/US@EPA

cc "Jacoppo, David" <David.Jacoppo@atlantahousing.org>,  
jsasine@pogolaw.com

bcc

Subject RE: 141 Fort Street- Grady Homes - Atlanta

Carolyn,

As you requested, I have prepared a PDF with the mapped locations of samples in the area of concern. In order to clarify the location of some the descriptions of the samples and landmarks, I conferred with the previous property manager of Grady Homes.

This map also includes the probable location of the building in question as compared to the Grady Homes site plan. After some extensive scale work, I believe this is a very close approximation of location and size. Clearly, this building was not much more than a 10'x18' structure, if that.

Nevertheless, in various locations in the surrounding areas of the building and generally within the mapping concentration area are oval rings which depict locations where samples were taken either by LAW Engineering in 1995 or ATC in 1999. Drag the cursor over the ovals to obtain more detailed information. If you have any trouble with this file, please let me know and I can print and scan a color version to you.

As it relates to questions/observations from your previous email, I've attempted to answer them to the best of my knowledge below:

Samples 22 and 241 on Attachment A of the 2/14/2000 Supplemental HSRA letter are indeed noted to be on playgrounds. But they are playgrounds that are not generally near the 141 Fort Street address. Thus they are not included on the attached map I prepared.

Since the purpose of AHA's sampling to date has been to comply with HUD standards related to Lead Based Paint in Targeted Properties, and to some extent satisfy the State EPD HSRA requirements, the samples indicated on the map were only tested for lead. So other metals would not be detected. I can find no evidence that XRF testing was used as part of the soil sampling.

Based upon my review of the documents and previous discussions with ATC staff that conducted the sampling, it is apparent that all of the soil samples were taken only at surficial depths (i.e., spooning bare spots). The methodology varies from both composite and discrete sampling, which I have tried to relay in the mapping descriptions. From what I can tell, and through experience with ATC, there was no real magic number of grabs for the composite sampling - just enough to insure a snapshot of the area and to meet the laboratory amount needed.

As you requested, I have also included the main body of ATC's 1999 report that includes all dust, paint and soil sampling data. Also, I have included pages from the 1995 LAW report that are applicable to the mapping of soil samples.

Please let me know if I missed anything. Otherwise, I look forward to your reply and next steps, if any.

Thanks.

Mark

---

Mark Kemp  
Risk Management Program Director



10531447

The Housing Authority of the City of Atlanta, Georgia  
230 John Wesley Dobbs Avenue  
Atlanta, Georgia 30303-2421

Mobile: (404) 216-9046  
Office: (770) 979-6083

---

From: Kemp, Mark  
Sent: Fri 11/10/2006 8:26 AM  
To: Callihan.Carolyn@epamail.epa.gov  
Cc: Jacoppo, David; jsasine@pogolaw.com  
Subject: RE: 141 Fort Street- Grady Homes - Atlanta

I'll get to work on the answers to your questions and put together a map with the sample locations, as well as gather the reports you are requesting. I expect to be able to complete this and get it to you on or before 11/17.

Please let me know if you need it sooner.

Thanks.

Mark

---

Mark Kemp  
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---

From: Callihan.Carolyn@epamail.epa.gov [mailto:Callihan.Carolyn@epamail.epa.gov]  
Sent: Thu 11/9/2006 2:47 PM  
To: Kemp, Mark  
Cc: Jacoppo, David; jsasine@pogolaw.com  
Subject: Re: 141 Fort Street- Grady Homes - Atlanta

Mr. Kemp,  
I apologize for taking so long to get back to you. Do you have a map showing where the ATC 1/26/2000 samples were taken? From what I see, it would be difficult to distinguish any metals contamination that might have come from Miller Metals (if indeed the smelter did operate at the Fort Street address) from what may have been contributed by the junkyard

operation, let alone the possible contribution by lead-based paint, which may have been used at Grady Homes. With the construction and demolition of Grady Homes since this metals operation was located there, it would be very difficult to isolate any possible contamination from the metal smelter.

With that being said, it would be much easier to make conclusions if I had a map showing where these samples were taken instead of just a description. As best as I can tell, 141 Fort Street would be where the "play area" of Grady Homes was located. In Attachment A of the 2/14/2000 letter, Samples 22 and 241 appear to be the only samples addressing the playground area.

Other questions that come to mind:

Were the samples tested for any metals or constituents other than lead? Were these samples sent to a laboratory or was XRF analysis performed in the field?

What were the depths of the samples and how were they taken?

What were the criteria for compositing the samples (how many grabs went into a composite and over what size area per composite?) A copy of ATC's actual report would be helpful.

Thanks so much,

Carolyn Callihan  
Superfund Remedial Project Manager  
Superfund Site Evaluation Section  
Waste Management Division  
EPA Region 4  
404-562-8913

"Kemp, Mark"

<Mark.Kemp@atlantahousing.org>

To:

Carolyn Callihan/R4/USEPA/US@EPA

10/26/2006 03:23

cc

PM

jsasine@pogolaw.com, "Jacoppo,

David"

<David.Jacoppo@atlantahousing.org

>

Subject

141 Fort Street- Grady Homes -  
Atlanta

Carolyn,

I have attached the relevant documents we have been able to locate related to your inquiry into the potential historical smelting business located within the Grady Homes footprint. These documents include maps, aerial photographs and correspondence with the State EPD, which also contains summaries of sample data for lead in soil. I have also reviewed some geotechnical reports for another part of the property currently under development.

In summary, what I have found may not be as helpful as we would have liked. Nevertheless, the documents reveal that of the surface sampling that was completed for lead in soil around the suspect area, none indicate levels higher than those that are generally found elsewhere throughout the property. Most of those samples are included in the Supplemental HSRA notification to the EPD. The only ones anywhere close to the suspect area that were not included in the HSRA data were taken at 148 Bell Street in 1995 by LAW Engineering. The highest of these four samples was 179 ppm for lead. The remaining 38 samples from 1995 were taken across other parts of the property, mainly around the day care center, playgrounds and related areas.

As to the question of fill and topography, the geotechnical report for another area of Grady Homes undergoing redevelopment indicates fill ranging from 2-8 feet. So it is possible that fill was used or that the topography was reshaped at some point prior to the development of Grady Homes. An early topo map is included in the maps provided. But I'm not sure how helpful it will be.

At this point, we will await further instructions from you as to how you would like to proceed. We are ready to assist in any way we can.

Please let me know if you have any questions.

Thanks.

Mark

---

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(See attached file: Grady Maps & Aerials.pdf)(See attached file: Grady Original Site Plan.pdf)(See attached file: Grady HSRA Lead 10-21-1997.pdf)(See attached file: Grady HSRA Supplement 2-14-2000.pdf)  
(See attached file: Grady EPD No Listing Ltr.pdf)

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Grady Original Site Plan with Sample Locations.pdf Pages from Grady Homes - FINAL LBP RISK ASSESS RPT 111299.pdf



Pages from Bookmarked Grady Homes LBP Report LAW 8-18-95 142 Bell Street Play Area.pdf



Pages from Bookmarked Grady Homes LBP Report LAW 8-18-95 148 Bell Street Youth Center.pdf

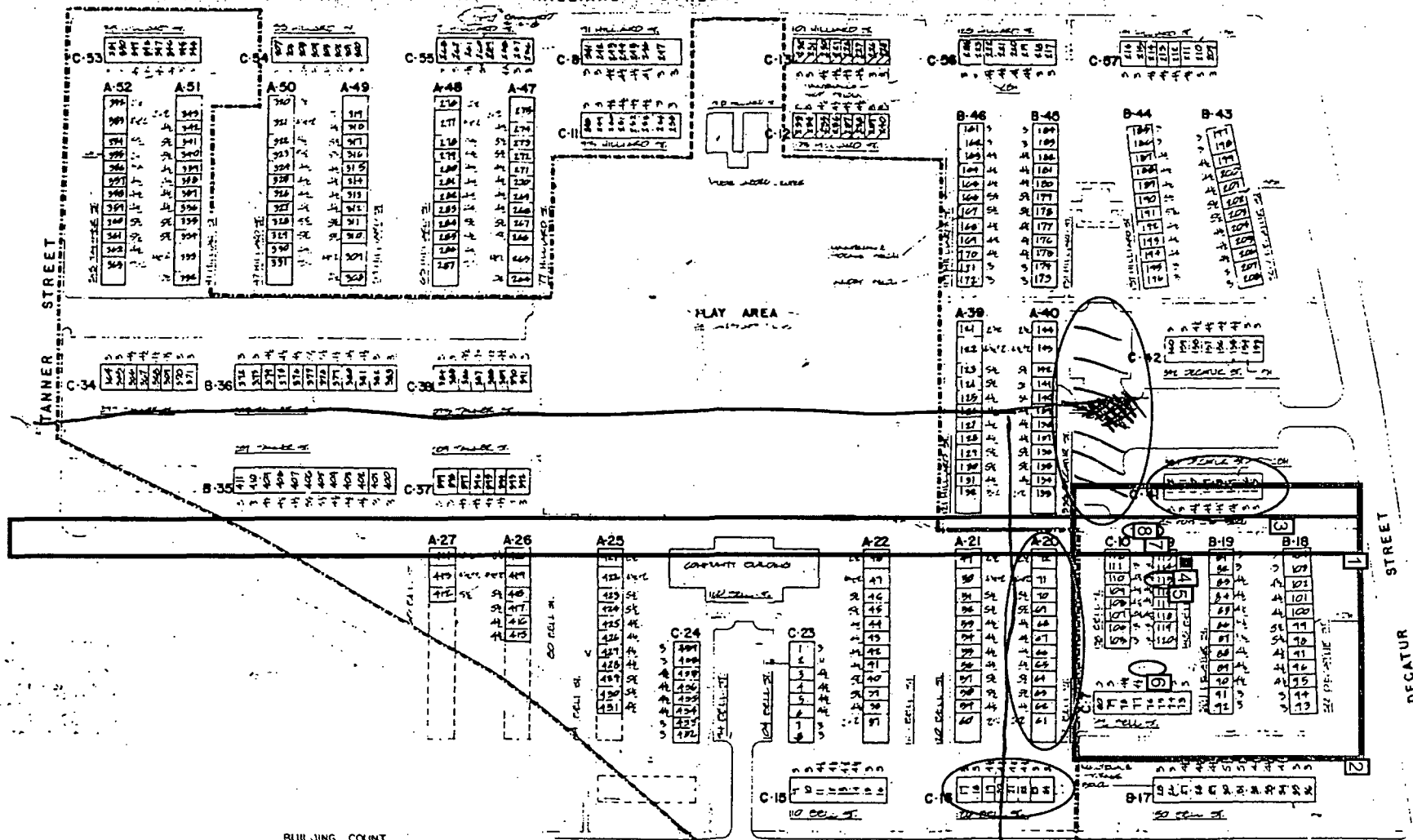


Pages from Bookmarked Grady Homes LBP Report LAW 8-18-95 - 148 Bell - Apt 115.pdf



Pages from Bookmarked Grady Homes LBP Report LAW 8-18-95 Decatur St Parking Lot.pdf

# HILLIARD STREET



## BUILDING COUNT

TYPE A 121 (ALL 2 FLY)  
 TYPE B 13 (ALL 4 FLY)  
 TYPE C 21 (ALL 1 FLY)  
 TOTAL 46 (ALL 6 FLY)

*Approx 141 sq ft of fly*

## KEY PLAN

1" = 50' - 0"

1  
A-002

N

1  
A-002

2L	4	SHALL	100' 0" x 100' 0" (100' 0" x 100' 0")
2R	10	SHALL	100' 0" x 100' 0" (100' 0" x 100' 0")
	68	SHALL	100' 0" x 100' 0" (100' 0" x 100' 0")
	72	SHALL	100' 0" x 100' 0" (100' 0" x 100' 0")
2L	62	SHALL	100' 0" x 100' 0" (100' 0" x 100' 0")
2R	62	SHALL	100' 0" x 100' 0" (100' 0" x 100' 0")
2L-3 1/2 R	57	SHALL	100' 0" x 100' 0" (100' 0" x 100' 0")
2L-4 1/2 R	73	SHALL	100' 0" x 100' 0" (100' 0" x 100' 0")
2L	3	SHALL	100' 0" x 100' 0" (100' 0" x 100' 0")
2R	8	SHALL	100' 0" x 100' 0" (100' 0" x 100' 0")
2 + 2L-3 1/2 R	20	SHALL	100' 0" x 100' 0" (100' 0" x 100' 0")
2L-4 1/2 + 2R	8	SHALL	100' 0" x 100' 0" (100' 0" x 100' 0")
3A	4	SHALL	100' 0" x 100' 0" (100' 0" x 100' 0")
4A	2	SHALL	100' 0" x 100' 0" (100' 0" x 100' 0")
	1	SHALL	100' 0" x 100' 0" (100' 0" x 100' 0")

493 APARTMENTS

APT 225 CONVERTED INTO MAINTENANCE OFFICE

LIMITS OF CONSTRUCTION

# Summary of Comments on Grady Original Site Plan with Sample Locations.pdf

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Page: 1


---

Sequence number: 1

Author: MJK

Subject: Rectangle

Date: 11/16/2006 11:01:25 AM

 Approximate location of Fort Street


---

Sequence number: 2

Author: MJK

Subject: Rectangle

Date: 11/17/2006 10:39:55 AM

 Mapped sample area boundary


---

Sequence number: 3

Author: MJK

Subject: Oval

Date: 11/17/2006 10:47:07 AM

 ATC - 1999

334 Decatur Street

Composite sampling of bare spots around building foundation - 140.60 ppm

Composite sampling of bare spots in exterior yard - 207.36 ppm


---

Sequence number: 4

Author: MJK

Subject: Rectangle

Date: 11/17/2006 10:53:04 AM

 Approximate location of Miller Metals


---

Sequence number: 5

Author: MJK

Subject: Oval

Date: 11/17/2006 9:50:00 AM

 LAW Engineering - 1995

Unit 115 - 148 Bell Street

Soil - 3' from foundation - 179 ppm

Soil - 10-20' from foundation - 161 ppm


---

Sequence number: 6

Author: MJK

Subject: Oval

Date: 11/17/2006 10:16:17 AM

 LAW Engineering - 1995

Playground near 142 Bell Street

Soil - 16 ppm


---

Sequence number: 7

Author: MJK

Subject: Oval

Date: 11/17/2006 10:04:16 AM

 Law Engineering - 1995

Youth Center - Near 148 Bell St.

Soil - 3' from foundation - 97 ppm

Soil - 10-20' from foundation - 110 ppm

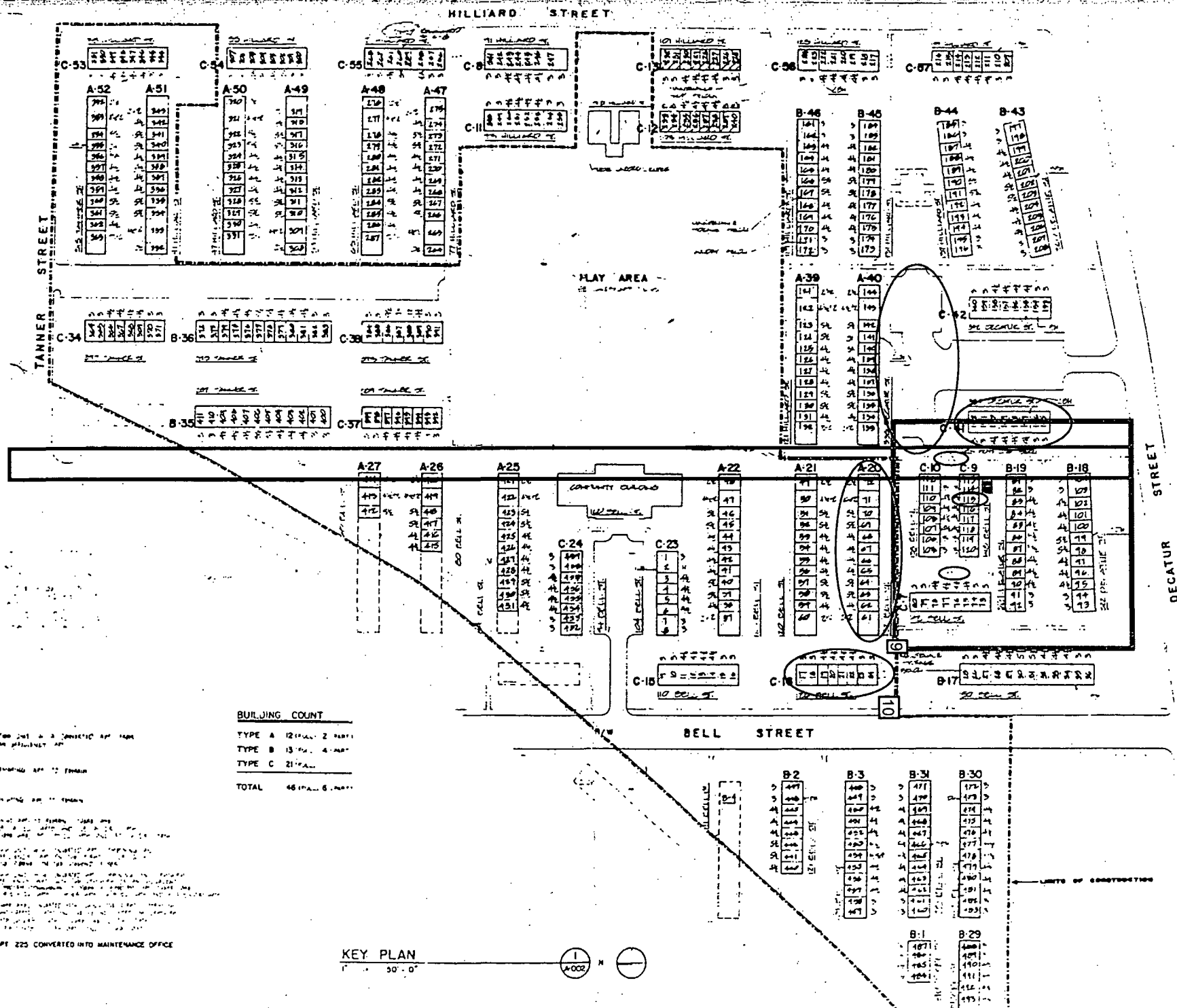
---

Sequence number: 8

Author: MJK

---

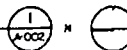
Comments from page 1 continued on next page



BUILDING COUNT	
TYPE A	12 (FALL, 2 PART)
TYPE B	13 (FALL, 4 PART)
TYPE C	21 (FALL)
<b>TOTAL</b>	<b>46 (FALL, 6 PART)</b>

**KEY PLAN**

1" = 30'-0"



2L	4	100' x 100' x 100' x 100'
2R	10	100' x 100' x 100' x 100'
	68	100' x 100' x 100' x 100'
	72	100' x 100' x 100' x 100'
2L	82	100' x 100' x 100' x 100'
2R	82	100' x 100' x 100' x 100'
2L-5 1/2 R	57	100' x 100' x 100' x 100'
2L-4 1/2 R	73	100' x 100' x 100' x 100'
2L	5	100' x 100' x 100' x 100'
2R	8	100' x 100' x 100' x 100'
2 + 2L-5 1/2 R	20	100' x 100' x 100' x 100'
2L-4 1/2 + 2R	8	100' x 100' x 100' x 100'
3A	4	100' x 100' x 100' x 100'
4A	2	100' x 100' x 100' x 100'
	1	100' x 100' x 100' x 100'


APR 225 CONVERTED INTO MAINTENANCE OFFICE

495 APARTMENTS



Subject: Oval

Date: 11/17/2006 10:23:22 AM

 LAW Engineering - 1995

Composite Sampling of soil areas around perimeter of parking lot - 345 ppm


---

Sequence number: 9

Author: MJK

Subject: Oval

Date: 11/17/2006 10:44:21 AM

 ATC - 1999

132 Bell Street

Composite sampling of bare spots around building foundation - 111.62 ppm

Composite sampling of bare spots in exterior yard - 132.50 ppm


---

Sequence number: 10

Author: MJK

Subject: Oval

Date: 11/17/2006 10:50:29 AM

 ATC - 1999

132 Bell Street

Composite sampling of bare spots around building foundation - 158.31 ppm

Composite sampling of bare spots in exterior yard - 85.01 ppm

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**FINAL  
LEAD-BASED PAINT  
RISK ASSESSMENT REPORT**

**GRADY HOMES  
100 Bell Street, SW  
Atlanta, GA 30312**

**Prepared for:**

**Housing Authority of the City of Atlanta  
Design and Construction Management Department  
739 West Peachtree Street  
Atlanta, Georgia 30365**

**ATC Project No. 10872-8215**

**Prepared by:**

**ATC ASSOCIATES INC.  
1300 Williams Drive  
Marietta, Georgia 30066**

**November 12, 1999**

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## EXECUTIVE SUMMARY

ATC Associates Inc. (ATC) conducted a Lead-Based Paint (LBP) Risk Assessment at Grady Homes Housing Development. The purpose of the assessment was to determine the presence or absence of Lead-Based Paint (LBP) hazards at Grady Homes. Field inspections were performed at Grady Homes on August 19 and 20, 1999. In accordance with the contract for this project, ATC utilized the Department of Housing and Urban Development (HUD) Lead-Based Paint Risk Assessment Protocol published June 29, 1992, (except where modified by the 1995 HUD Guidelines For The Evaluation and Control of Lead-Based Paint Hazards in Housing) and the September 15, 1999 HUD revisions to Sections 1012 and 1013 of the Residential Lead-Based Paint Hazard Reduction Act of 1992 (Title X).

Grady Homes is a multi-family housing Development owned and operated by the Housing Authority of the City of Atlanta, Georgia (AHA). The Development is comprised of 495 apartments in fifty-one (51) two story buildings and was constructed in 1942.

The Risk Assessment included the inspection of twenty-three (23) apartments, two (2) playgrounds, and six (6) common areas. A limited number of dust wipe, paint chip and soil samples were collected within each of the inspected areas and a visual assessment of the painted surfaces was performed.

Based on laboratory analysis, the following is a summary of the 262 environmental samples collected at Grady Homes:

### Dust Wipes

#### *Window Wells*

- Sample analysis identified elevated dust lead level results in six (6) of eighty-two (82) window wells sampled in apartments at Grady Homes. The sample mean for all window wells sampled in apartments at Grady Homes is  $333 \mu\text{g}/\text{ft}^2$ . The sample mean for window wells sampled in apartments at Grady Homes is below the HUD threshold of  $800 \mu\text{g}/\text{ft}^2$  and therefore, the window wells in apartments at Grady Homes are not classified as a development wide lead hazard. Recommended corrective actions for the locations where test results exceeded HUD thresholds are included in ATC's Lead Hazard Control Plan for Grady Homes.
- Sample analysis identified elevated dust lead level results in one (1) of seven (7) window wells sampled in common areas at Grady Homes. The sample mean for all window wells sampled in common areas at Grady Homes is  $1027 \mu\text{g}/\text{ft}^2$ . The sample mean for window wells sampled in common areas at Grady Homes is above the HUD threshold of  $800 \mu\text{g}/\text{ft}^2$  and therefore, the window wells in common areas at Grady Homes are classified as a development wide lead hazard. Recommended corrective actions are included in ATC's Lead Hazard Control Plan for Grady Homes.

### **Window Sills**

- None of the apartments inspected at Grady Homes were found to have elevated window sill results. The sample mean for all window sills sampled in apartments is  $47 \mu\text{g}/\text{ft}^2$ . The sample mean for window sills at Grady Homes is below the HUD threshold of  $250 \mu\text{g}/\text{ft}^2$  and therefore, the window sills in apartments at Grady Homes are not classified as a development wide lead hazard.
- None of the common areas inspected at Grady Homes were found to have elevated window sill results. The sample mean for all window sills sampled in common areas at Grady Homes is  $50 \mu\text{g}/\text{ft}^2$ . The sample mean for all window sills sampled in common areas at Grady Homes is below the HUD threshold of  $250 \mu\text{g}/\text{ft}^2$  and therefore, the window sills in common areas at Grady Homes are not classified as lead hazards.

### **Floors**

- None of the apartments inspected at Grady Homes were found to have elevated floor results. The sample mean for dust wipe samples collected from floors in apartments is  $17 \mu\text{g}/\text{ft}^2$ . The sample mean for all floors sampled in apartments at Grady Homes is below the HUD threshold of  $40 \mu\text{g}/\text{ft}^2$  and therefore, the window sills in apartments at Grady Homes are not classified as lead hazards.
- Sample analysis identified elevated dust lead level results on one (1) twelve (12) floors sampled in common areas at Grady Homes. The sample mean for all floors sampled in common areas at Grady Homes is  $19 \mu\text{g}/\text{ft}^2$ . The sample mean for all floors sampled in common areas at Grady Homes is below the HUD threshold of  $40 \mu\text{g}/\text{ft}^2$  and therefore, the floors in common areas at Grady Homes are not classified as a development wide lead hazard. Recommended corrective actions for the locations where test results exceeded HUD thresholds are included in ATC's Lead Hazard Control Plan for Grady Homes.

### **Soils**

None of the soil samples collected at Grady Homes were found to contain lead in concentrations that exceed the HUD Threshold limits.

### **Paint Chips**

None of the paint chips collected at Grady Homes were found to contain lead in concentrations that exceeds the HUD Threshold limits.

### **Paint Condition**

Based upon visual observations during the inspection, the condition of painted surfaces were categorized as "Intact", "Fair", or "Poor". ATC's visual assessment of the painted surfaces was generally intact with some localized damage on the walls.

The following Table ES-1 provides a listing of the components where LBP was found to exist. (The building components identified as positive for LBP are based on X-ray Fluorescence (XRF) testing results greater than or equal to 1.0 microgram per square centimeter or 1.3 microgram per square centimeter for surfaces with metal substrates. Paint condition is a determination of intactness of paint, i.e. if paint is chipping, flaking or peeling away from the substrate.)

Grady Homes Building Components Identified Positive for LBP (XRF Results > 1.0)			
Location	Building Component	Material Underneath Paint	Paint Condition
<b>Apartment Interiors</b>			
	Attic Door	Metal	Intact-Fair
	Attic Door	Wood	Intact
	Attic Door Casing	Metal	Intact-Fair
	Attic Door Casing	Wood	Intact
	Base Board	Brick	Intact
	Base Board	Concrete	Intact-Fair
	Base Board	Metal	Intact-Fair
	Ceiling	Concrete	Intact-Fair
	Ceiling	Drywall	Intact
	Ceiling	Plaster	Intact
	Closet Base Board	Brick	Intact
	Closet Door Casing	Metal	Intact-Fair
	Closet Pole	Metal	Intact-Poor
	Closet Wall	Concrete	Intact
	Closet Wall	Plaster	Intact
	Door	Metal	Intact
	Door	Wood	Intact
	Door Casing	Metal	Intact-Fair
	Door Casing	Wood	Intact
	Door Jamb	Wood	Intact
	Handrail Support	Metal	Intact-Fair
	Handrail Support	Wood	Intact
	Rail System	Metal	Intact-Poor
	Stair Riser	Metal	Intact
	Stair Stringer	Concrete	Intact
	Stair Stringer	Metal	Intact-Fair
	Stair Stringer	Wood	Intact
	Stair Tread	Vinyl	Intact-Fair
	Wall	Concrete	Intact
	Wall	Drywall	Intact
	Wall	Plaster	Intact
	Water Faucet Casing	Plastic	Intact
	Window Sill	Concrete	Intact-Fair
	Window Sill	Metal	Intact
	Window Sill	Plaster	Intact
	Window Sill	Wood	Intact
<b>Building Exteriors</b>			
	Clothes Line	Metal	Intact
	Crawl Space Hatch	Metal	Fair
	Door Casing	Metal	Fair
	Door Casing	Wood	Intact-Fair
	Door Jamb	Metal	Intact
	Door Jamb	Wood	Intact

Grady Homes Building Components Identified Positive for LBP (XRF Result $\geq 1.0$ )			
Location	Building Component	Material Underneath Paint	Paint Condition
	Door Lintel	Metal	Intact
	Downspout	Metal	Intact-Poor
	Exterior Column	Metal	Intact-Poor
	Fence	Metal	Intact
	Gas Line	Metal	Intact
	Handrail	Metal	Intact-Fair
	Overhang	Concrete	Intact
	Pipe	Metal	Intact
	Screen Door	Metal	Intact
	Stair Riser	Concrete	Intact-Poor
	Stair Stringer	Concrete	Intact
	Window Lintel	Metal	Intact
Common Areas			
	Base Board	Wood	Fair
	Ceiling	Concrete	Intact
	Ceiling	Wood	Fair
	Crown Molding	Wood	Fair
	Door Casing	Metal	Fair
	Door Casing	Wood	Fair
	Door Header	Wood	Fair
	Wall	Concrete	Fair
	Wall	Plaster	Fair
	Window Sill	Wood	Fair
	Handrail	Metal	Intact-Fair
	Overhang	Concrete	Intact
	Pipe	Metal	Intact
	Screen Door	Metal	Intact
	Stair Riser	Concrete	Intact-Poor
	Stair Stringer	Concrete	Intact
	Window Lintel	Metal	Intact
Common Areas			
	Base Board	Wood	Fair
	Ceiling	Concrete	Intact
	Ceiling	Wood	Fair
	Crown Molding	Wood	Fair
	Door Casing	Metal	Fair
	Door Casing	Wood	Fair
	Door Header	Wood	Fair
	Wall	Concrete	Fair
	Wall	Plaster	Fair
	Window Sill	Wood	Fair

The analysis of sample results combined with ATC's observations, the HUD protocols and the requirements of AHA contract 98-0410001, indicate that no development wide hazards were present, with the exception of window wells in common areas. Several individual test results exceeded HUD clearance levels for individual window wells and floors. LBP surfaces in poor condition are

considered lead-based paint hazards as defined by Section 1017 of the Residential Lead-Based Paint Hazard Reduction Act of 1992 (Title X) and should be addressed through abatement or interim controls. LBP surfaces in "Fair" condition are not considered LBP hazards, but should be monitored and defective areas repaired. Intact surfaces should be monitored to ensure that they remain in a non-hazardous condition.

For all areas with elevated results identified in this report, recommendations for dust cleaning, paint stabilization, interim controls or abatement will be provided in The Lead Hazard Control Plan (LHCP) developed for Grady Homes in accordance with all applicable regulations and guidelines.

All identified hazard control options, training and applicable requirements will be expanded further in the LHCP developed for Grady Homes. The recommended control options should be performed by trained professionals (trained AHA staff or outside contractors) experienced in LBP related cleanup. Development staff that has not received lead specific training should not disturb any painted surfaces suspected of containing LBP or perform any of the interim control procedures recommended in the LHCP.



## 1.0 INTRODUCTION

ATC Associates Inc. (ATC) was retained by the Housing Authority of the City of Atlanta (AHA) under contract number 98-0410001 to conduct a Lead-Based Paint (LBP) Risk Assessment of the Grady Homes Housing Development located at 100 Bell Street, Atlanta, Georgia. The contract was executed on October 19, 1998 and a notice to proceed with Risk Assessment services was provided to ATC on August 2, 1999. Throughout the month of June 1999, ATC met with AHA staff, reviewed the Development Data Forms (DDF) and scheduled the assessment of the site. Site surveys and environmental sampling was performed August 19 and 20, 1999.

The purpose of the Risk Assessment was to conduct a review of apartment units, common areas, and exteriors of buildings to determine whether LBP hazards exist there, and if such hazards are found to be present, to provide recommended procedures for reducing and managing such hazards until complete abatement is performed. **Note: Recommendations for reducing and managing hazards will be provided in the forthcoming LHCP.**

The Risk Assessments and field sampling were performed in accordance with the protocols established by the Department of Housing and Urban Development's (HUD) Guidelines For The Evaluation And Control Of Lead-Based Paint Hazards In Housing (Guidelines), published in June, 1995 and HUD's Title X Section 1012 & 1013. All facets of this project adhered strictly to Department of Housing and Urban Development (HUD) Lead-Based Paint Risk Assessment Protocol published June 29, 1992.

## 2.0 RISK ASSESSMENT METHODOLOGY

The Risk Assessment included the assessment of twenty-three (23) apartments, six (6) common areas as well as building exteriors and grounds. The assessment process consisted of visually inspecting painted surfaces and performing limited environmental sampling (e.g., collection of dust wipe samples, soil samples, and deteriorated paint samples) throughout the Development.

According to the HUD *Guidelines*, Risk Assessments conducted in multi-family housing Developments do not require the inspection of each apartment. Instead, a representative number of apartments are selected for the assessment. The number of apartments selected was determined in accordance with Table 5.6 of the HUD *Guidelines*.

Depending upon the needs of the housing authority or the Development, one of three (3) different sampling strategies can be employed at a Development. The three (3) sampling strategies are referred to as "Targeted", "Worst Case", and "Random". The sampling strategy employed for this Risk Assessment was the "Targeted" strategy. Targeted sampling selects apartments that are most likely to contain LBP hazards to represent the rest of the Development.

Targeted apartments are generally described as apartments with code violations, apartments that the owner believes to be in poor condition, apartments that house small children or apartments with two (2) or more bedrooms (these apartments may represent apartments with small children), overcrowded apartments (these apartments may tend to be in worse shape than other apartments, because they are overcrowded and take more wear and tear), and apartments recently repaired for reoccupancy. The targeted sampling strategy assumes that if no systematic hazards are identified throughout the apartments inspected, then no systematic hazards exist throughout the Development in similar apartments. The apartments are selected based on information provided by the owner.

Dwelling apartments and common areas are inspected to identify potential LBP hazards and assess paint conditions. Painted components are visually assessed and categorized as intact, fair, or poor. This assessment is performed in accordance with the HUD *Risk Assessment Protocol*, dated September 1992. This protocol requires the Risk Assessor to rate paint conditions as follows:

- Good [Intact] - Intact; less than five years since the last paint job.
- Fair - Intact but worn, more than five years since last paint job; minor chips from normal wear and tear, but no adhesion or substrate problems.
- Poor - Non-Intact; severely worn or weathered, no longer adhering (peeling, flaking, cracking, etc.), or substrate deterioration.

Paint conditions are rated for each building component using the above criteria based upon prevalent conditions observed during the site survey. APPENDIX C contains a complete listing of paint conditions observed by ATC at Grady Homes.

Potential LBP hazards are identified through the visual assessment of paint conditions and the collection of a limited number of environmental samples. Samples are generally collected from the

living room, kitchen, bathroom, and two (2) bedrooms in each apartment. In addition common areas are also inspected and sampled.

Soil samples are collected from bare areas surrounding each building, from child play areas and parking lots with 30 or more spaces. Paint chip sampling is also conducted from surfaces that are observed to be in poor condition throughout the Development or from surfaces that were generally intact or in fair condition, but were observed with localized damage.

At the conclusion of the inspection and review of environmental sampling results, a Development-specific program (Lead Hazard Control Plan) will be developed to address all LBP hazards identified in the Risk Assessment. The Lead Hazard Control Plan will be submitted to AHA as a separate Deliverable. The LHCP will address the cleaning of areas where elevated levels of lead dust have been identified, stabilizing paint that is in fair and poor condition, and modifying management and maintenance practices to avoid potential exposures to LBP hazards.

This report describes the Risk Assessment performed at Grady Homes in greater detail and also provides information on ATC's findings.

### 3.0 QUALITY ASSURANCE & QUALITY CONTROL

HUD recommends specific protocols for the collection and analysis of environmental samples. Table 3-1 below lists the methodology used by ATC for the collection and analysis:

**TABLE 3-1 SAMPLE COLLECTION AND ANALYSIS METHODOLOGY**

SAMPLE TYPE	COLLECTION METHODOLOGY	ANALYSIS METHODOLOGY
Dust Wipe Samples	HUD Guidelines, APPENDIX 13.1	EPA 3050/7420
Paint Chip Samples	HUD Guidelines, APPENDIX 13.2	EPA 3050/7420
Soil Samples	HUD Guidelines APPENDIX 13.3	EPA SW 846 – 3050/7420

In conformance with APPENDIX 13.1 of the HUD *Guidelines*, blank wipe samples and spiked wipe samples were submitted as part of the normal sample stream. Blank wipe samples were submitted at a rate of one (1) per fifty (50) field samples, as well as one (1) at the beginning of the day and one (1) at the end of the day. Blanks were also submitted to signify the beginning and end of a canister of disposable wipes. Spiked wipe samples were submitted at a rate of one (1) per fifty (50) samples.

#### 4.0 HOUSING DEVELOPMENT SUMMARY

Table 4-1 below lists general information on Grady Homes.

**TABLE 4-1 GENERAL INFORMATION**

Development Name:	Grady Homes
HUD No.:	GA 6-4
Address:	100 Bell Street SE Atlanta, Georgia 30312
Construction Completion Date:	1942
Total Number of Buildings:	51
Total Apartments:	495
No. of Apartments/Building:	Varies
No. Apartments/Entry:	1
No. of Levels/Building:	2
No. of Common Areas:	6
Porches, Fire Escapes:	NA
Roof Material:	Asphalt Shingles
Siding Material:	Brick
Windows:	Metal
Entry Doors:	Wood and Metal
Exterior Trim	Wood
Foundation:	Slab on Grade

Table 4-2 below summarizes the number and type of housing apartments at Grady Homes.

**TABLE 4-2 NUMBER AND TYPE OF HOUSING APARTMENTS**

Number Of Bed- rooms	TYPE OF APARTMENT							
	Single Family Detach	Duplex 1 Story	Duplex Town House	Garden House Apartments =<3	Town House Apartments =>3	Walkup Flat	Elevator Flat	Total
0 BR					14			14
1 BR					141			141
2 BR					243			243
3 BR					82			82
4 BR					15			15
5 BR					0			0
6 BR					0			0
Total					495			495

## 5.0 RESULTS/RECOMMENDATIONS

### 5.1 SUMMARY OF RESULTS

Table 5-1 below summarizes the scope of the Risk Assessment.

**TABLE 5-1 SCOPE OF RISK ASSESSMENT**

SCOPE	NUMBER
Total apartments in the Development:	495
Total apartments inspected:	23
Total targeted apartments:	23
Total random apartments:	0
Total common areas in the Development:	6
Total common areas inspected:	6
Total samples collected:	262

Table 5-2 below summarizes the environmental sample data.

**TABLE 5-2 SUMMARY OF SAMPLE DATA**

TYPE OF SAMPLE	LOCATION	TOTAL NUMBER OF SAMPLES	% PASS	% FAIL
<b>DUST WIPES</b>				
Window Wells	Apartments	82	93	7
	Common Areas	7	86	14
Window Sills	Apartments	10	100	0
	Common Areas	2	100	0
Floors	Apartments	92	100	0
	Common Areas	12	92	8
	<b>TOTAL</b>	<b>205</b>		
<b>QA/QC SAMPLES</b>				
Blanks	N/A	11	NA	NA
Spikes	N/A	6	NA	NA
	<b>TOTAL</b>	<b>17</b>		
<b>SOIL SAMPLES</b>				
Composite Soil	Building Foundations	18	100	0
Composite Soil	Yards	19	100	0
Composite Soil	Playgrounds	2	100	0
Composite Soil	Parking Lots	0	100	0
	<b>TOTAL</b>	<b>39</b>		
<b>PAINT SAMPLES</b>				
Apartments:	Walls	1	100	0
	<b>TOTAL</b>	<b>1</b>		
	<b>TOTAL</b>	<b>262</b>		

### 5.1.1 BUILDING SUMMARY

ATC sampled a total of 23 apartments and 6 common areas. Table 5-3 below summarizes the total number of apartments sampled per building and the total number of apartments with at least one elevated dust lead level from a window well, window sill, or floor.

**TABLE 5-3 BUILDING SAMPLE SUMMARY**

<b>BUILDING ADDRESS</b>	<b>Total # of Apartments Sampled</b>	<b>Total # of Apartments with Elevated Lead Levels from Window Wells</b>	<b>Total # of Apartments with Elevated Lead Levels from Window Sills</b>	<b>Total # of Apartments with Elevated Lead Levels on Floors</b>
110 Bell Street	1	0	0	0
120 Bell Street	1	1	0	0
116 Bell Street	1	0	0	0
132 Bell Street	2	0	0	0
334 Decatur St.	1	0	0	0
77 Hillard Street	1	0	0	0
126 Bell Street	3	1	0	0
104 Bell Street	1	0	0	0
47 Hillard Street	1	0	0	0
65 Hillard Street	1	0	0	0
71 Hillard Street	1	0	0	0
84 Bell Street	1	0	0	0
351 Tanner Street	1	0	0	0
289 Tanner Street	1	0	0	0
59 Hillard Street	1	0	0	0
121 Bell Street	2	1	0	0
144 Moore Street	3	2	0	0
<b>TOTALS</b>	<b>23</b>	<b>5</b>	<b>0</b>	<b>0</b>

- Of the apartments sampled, five (5) or 22% of the inspected apartments had elevated dust lead levels on the window wells.
- Of the common areas sampled, one (1) or 17% of the inspected common areas had elevated dust lead levels on the floors.
- Of the common areas sampled, one (1) or 17% of the inspected common areas had elevated dust lead levels on the window wells.

### 5.1.2 DUST WIPE SAMPLE MEANS

Table 5-4 below identifies mean dust wipe sample results by sample surface and general location.

TABLE 5-4 SAMPLE MEANS

SURFACED SAMPLED	LOCATION	TOTAL # OF SAMPLES	SAMPLE MEAN ( $\mu\text{g}/\text{ft}^2$ )	HUD Permissible Threshold Limits
Window Wells	Apartments	82	333	$800\mu\text{g}/\text{ft}^2$
	Common Areas	7	1026	$800\mu\text{g}/\text{ft}^2$
Window Sills	Apartments	10	47	$250\mu\text{g}/\text{ft}^2$
	Common Areas	2	50	$250\mu\text{g}/\text{ft}^2$
Floors	Apartments	92	17	$40\mu\text{g}/\text{ft}^2$
	Common Areas	12	19	$40\mu\text{g}/\text{ft}^2$

According to the HUD guidelines, when the sample mean leaded dust level equals or exceeds the HUD permissible threshold limits, a lead hazard has been identified for that surface for all apartments in the Development. If the sample mean is below the HUD permissible threshold limits, but some of the individual sample results are above the limits, those individual surfaces within applicable apartments should be treated as identified lead hazards.

### 5.1.3 PAINT SAMPLE SUMMARY

- One (1) paint chip sample was collected from surfaces that were observed to be in poor condition throughout the Development or from surfaces that were generally intact or in fair condition, but were observed with localized damage. The paint chip sample collected was found to contain lead in concentrations below the threshold limit of  $1.0 \text{ mg}/\text{cm}^2$ , 5,000ppm or 0.5% lead by weight.

### 5.1.4 LISTING OF ENVIRONMENTAL SAMPLES

A complete listing of all environmental sample results that exceeded the permissible lead level threshold limits is located in Appendix A.

Sample results in Appendix A were evaluated by applying the following sample threshold limits:

#### Dust Wipes

Floors:  $40 \mu\text{g}/\text{ft}^2$   
Window Sills:  $250 \mu\text{g}/\text{ft}^2$   
Window Wells:  $800 \mu\text{g}/\text{ft}^2$



Soils 2,000 PPM  
 400 PPM (play areas only)

Paint 5,000 PPM, 5% lead by weight or 1.0 mg/cm<sup>2</sup>

## 5.2 PAINT CONDITIONS ASSESSMENT

Painted surfaces were visually assessed in each of the inspected areas and categorized as intact, fair, or poor. This assessment was performed in accordance with the HUD *Risk Assessment Protocol*, dated September 1992. This protocol requires the Risk Assessor to rate paint conditions as follows:

- Good [Intact] - Intact; less than five years since the last paint job.
- Fair - Intact but worn, more than five years since last paint job; minor chips from normal wear and tear, but no adhesion or substrate problems.
- Poor - Non-Intact; severely worn or weathered, no longer adhering (peeling, flaking, cracking, etc.), or substrate deteriorating.

Paint conditions were rated for each building component using the above criteria based upon prevalent conditions observed during the site survey. APPENDIX C contains a complete listing of paint conditions for Grady Homes.

The following table summarizes the building components identified as positive for LBP, as provided in ATC's Lead-Based Paint Comprehensive Inspection report, dated August 30, 1999. ATC's Lead-Based Paint Comprehensive Inspection report for Grady Homes also provides a complete listing of all building components identified as inconclusive for LBP (XRF Results 1.0 to 1.2).

Grady Homes Building Components identified positive for LBP (XRF Result >1.0)			
Location	Building Component	Substrate Material	Paint Condition
<b>Apartment Interiors</b>			
	Attic Door	Metal	Intact-Fair
	Attic Door	Wood	Intact
	Attic Door Casing	Metal	Intact-Fair
	Attic Door Casing	Wood	Intact
	Base Board	Brick	Intact
	Base Board	Concrete	Intact-Fair
	Base Board	Metal	Intact-Fair
	Ceiling	Concrete	Intact-Poor
	Ceiling	Drywall	Intact

Grady Homes Building Components identified positive for LBP (XRF Result >1.0), continued			
Apartment Interiors			
	Ceiling	Plaster	Intact
	Closet Base Board	Brick	Intact
	Closet Door Casing	Metal	Intact-Fair
	Closet Pole	Metal	Intact-Poor
	Closet Wall	Concrete	Intact
	Closet Wall	Plaster	Intact
	Door	Metal	Intact
	Door	Wood	Intact
	Door Casing	Metal	Intact-Fair
	Door Casing	Wood	Intact
	Door Jamb	Wood	Intact
	Handrail Support	Metal	Intact-Fair
	Handrail Support	Wood	Intact
	Rail System	Metal	Intact-Poor
	Stair Riser	Metal	Intact
	Stair Riser	Wood	Fair
	Stair Stringer	Concrete	Intact
	Stair Stringer	Metal	Intact-Fair
	Stair Stringer	Wood	Intact
	Stair Tread	Vinyl	Intact-Fair
	Wall	Concrete	Intact
	Wall	Drywall	Intact
	Wall	Plaster	Intact
	Water Faucet Casing	Plastic	Intact
	Window Sill	Concrete	Intact-Fair
	Window Sill	Metal	Intact
	Window Sill	Plaster	Intact
	Window Sill	Wood	Intact
Building Exteriors			
	Clothes Line	Metal	Intact
	Crawl Space Hatch	Metal	Fair
	Door Casing	Metal	Fair
	Door Casing	Wood	Intact-Fair
	Door Jamb	Metal	Intact

Grady Homes Building Components identified positive for LBP (XRF Result >10), continued			
Building Exteriors			
	Door Jamb	Wood	Intact
	Door Lintel	Metal	Intact
	Downspout	Metal	Intact-Poor
	Exterior Column	Metal	Intact-Poor
	Fence	Metal	Intact
	Gas Line	Metal	Intact
	Handrail	Metal	Intact-Fair
	Overhang	Concrete	Intact
	Pipe	Metal	Intact
	Screen Door	Metal	Intact
	Stair Riser	Concrete	Intact-Poor
	Stair Stringer	Concrete	Intact
	Window Lintel	Metal	Intact
Common Areas			
	Base Board	Wood	Fair
	Ceiling	Concrete	Intact
	Ceiling	Wood	Fair
	Crown Molding	Wood	Fair
	Door Casing	Metal	Fair
	Door Casing	Wood	Fair
	Door Header	Wood	Fair
	Wall	Concrete	Fair
	Wall	Plaster	Fair
	Window Sill	Wood	Fair

Prior to beginning any paint stabilization efforts, the AHA should ensure that all confirmatory sampling (where applicable) has been completed at Grady Homes in conformance with the HUD Guidelines (refer to *The Lead-Based Paint Comprehensive Inspection Report*). Paint stabilization activities recommended in *The Lead Hazard Control Plan* should be completed on a priority basis for building components that are in poor condition and coated with paint containing lead in concentrations above 5,000 PPM, 0.5% by weight or 1.0 mg/cm<sup>2</sup>.

### 5.3 RESULTS

Twenty-three (23) apartments and six (6) common areas were inspected at Grady Homes and two hundred sixty-two (262) samples were collected.

#### Apartments

- Five apartments were identified to have window wells with lead dust levels that exceed the HUD threshold limits.
- None of the apartments inspected were found to have elevated window sill results.
- None of the apartments inspected were found to have elevated floor results.

#### Common Areas

- One of the common areas inspected was found to have window wells with lead dust levels that exceed the HUD threshold limits.
- None of the common areas inspected were found to have elevated window sill results
- One of the common areas inspected was found to have floors with lead dust levels that exceed the HUD threshold limits.

#### Soils

- None of the soil samples collected from building foundations, yards, playgrounds and or parking lots were found to have lead levels that exceed the HUD threshold levels.

#### Paint Chips

- None of the paint chip samples collected at Grady Homes were found to exceed the HUD permissible threshold limits. Paint chip samples were collected from surfaces that were generally intact or in fair condition, but were observed with localized damage.

The inspection process indicates that Grady Homes is in fair condition. The condition of *interior* painted surfaces was generally good with the following exceptions: Walls located in apartments were generally fair condition with areas of localized damage. The condition of *exterior* painted surfaces was generally intact (Refer to Appendix C for a summary of component-specific information).

### 5.4 SUMMARY OF LBP HAZARDS

On the basis of observations during the inspection process and environmental sample results, the following LBP hazards were identified at Grady Homes:

#### Dust Wipes

##### Window Wells

- Sample analysis identified elevated dust lead levels on window well results in five (5) apartments.

120 Bell Street, Apt 50  
121 Bell Street, Apt 442  
144 Moore Street, Apt 493

120 Bell Street, Apt 51  
144 Moore Street, Apt 492

- Sample analysis identified elevated dust lead levels on window sill results in one (1) common area.

Laundry Room

##### Window Sills

None

**Floors**

- Sample analysis identified elevated dust lead levels on floor results in one (1) common area.

315 Tanner Street-ASAP Office

**Paint Chips**

None

**Soils**

None

See Appendix A for a complete listing of all environmental samples above the HUD Permissible Threshold Limits.

Management and maintenance practices should be modified as described throughout *The Lead Hazard Control Plan* developed for Grady Homes to better equip individuals with the tools to address potential LBP hazards.

## 6.0 CLARIFICATION OF DEVELOPMENT DATA FORM (DDF)

### 6.1 REQUIRED SUBMISSIONS

Listed below are all submissions to be provided for this project (check all that apply):

1.   X   A site plan for the Development and building plan showing all apartment types.
2.   X   A list of the addresses of all apartments in the Development by bedroom counts.
3.   \*\*   If lead-based paint (LBP) testing has been performed, provide a summary of the Scope of Testing Work and of Test Results. If available, a copy of the Scope of Work from the contract and final Test Report should be provided.
4.   X   One (1) copy of any reports on elevated blood levels (EBLs) for residents of Grady Homes or a written certification from the PHA that the appropriate public health agency has been contacted and that there is no record of EBLs at the Development.
5.   X   One (1) copy of any health, safety, or building code inspections and citations received in the past year and any Department of Housing and Urban Development (HUD) Maintenance Audit findings relative to physical conditions in the Development.
6.   X   One (1) copy of the AHA's approved Five-Year Funding Request Plan (HUD Form 52824) including budget, schedule, and description of modernization work program. Include all backup information applicable to the Development.
7.   NA   If design consultants (architects, engineers, etc.) have been retained for current modernization or substantial maintenance work at the Development:
  - a. A summary of the designer's scope of work; or
  - b. The section of the A/E contract which outlines the designer's scope of work
8.   \*\*\*   One (1) copy of any previous Risk Assessment report.

\*\* Provided by ATC (Deliverable G)

\*\*\* Provided by AHA-DCM (Deliverable B)

## 6.2 MISSING SUBMISSIONS

Listed below are submissions not submitted by the AHA as requested in the DDF and the impact the omission(s) may have on The *Lead Hazard Control Plan*.

The AHA did not submit the documentation listed in Item 7, under Section 6.1 - Required Submissions. The AHA indicated that Item 6.1.7 is not applicable. Project specifications and contract documents are prepared in-house by various AHA departments.

## 6.3 SUSPECT LEAD-BASED PAINT (LBP) SURFACES

*Was the owner's list complete? Note items that were not included. Discuss the accuracy of the owner's ratings - good, fair, and poor - of the overall conditions of painted surfaces. (Good = intact; Fair = minor deterioration or more than 5 years since the last paint job; Poor = severely worn or no longer adhering or substrate deteriorating, e.g. - peeling, flaking, cracking, etc.).*

The inventory of painted surfaces submitted by the AHA with their DDF was generally complete. All painted surfaces were categorized as intact. These ratings were consistent with the inventory prepared by ATC.

ATC's observations found most interior painted surfaces in intact condition.

The exterior painted surfaces are generally intact condition.

Please see APPENDIX C, which contains a complete inventory of painted surfaces prepared by ATC during the inspection of the Development.

## 6.4 GENERAL ASSESSMENT OF CONDITIONS

*Is the overall condition of suspect LBP surfaces uniform? Are there areas that were observed to be particularly deteriorated and requiring immediate attention?*

The overall condition of suspect LBP surfaces appears uniform throughout the Development. Interior and exterior painted surfaces were generally in intact to fair condition.

## 6.5 PREVIOUS MODERNIZATION OR SIGNIFICANT REHABILITATION

*Have any previous modernization projects resulted in abatement of lead painted surfaces (e.g. window replacement)? Describe the extent to which LBP was abated.*

There have been no previous modernization or significant rehabilitation projects completed at Grady Homes that have directly resulted in the abatement of LBP.

## 6.6 EXTRAORDINARY MAINTENANCE

*Have any previous extraordinary maintenance projects resulted in the abatement of LBP? Please describe.*

There have been no extraordinary maintenance projects completed at Grady Homes that have directly resulted in the abatement of LBP.

*Was it likely that any of the previous extraordinary maintenance work resulted in a substantial increase in lead available in the housing environment, e.g. - recent scraping of exterior siding? Describe below.*

Since the AHA has indicated that there have been no extraordinary maintenance projects completed at Grady Homes (see above), it is unlikely that there is an increase in available lead due to extraordinary maintenance projects.

## **6.7 PREVIOUS LBP ABATEMENT**

*Briefly describe previous systematic LBP abatement efforts. Was the abatement project based on reliable testing? Is there any evidence that the abatement was not completely successful in permanently removing or enclosing LBP from the housing environment? Was clearance testing performed? Did all apartments abated pass clearance?*

It was stated in the DDF that no systematic LBP abatement has been conducted at Grady Homes.

*Briefly describe any previous LBP hazard control work. Do the sampling and inspection results indicate that the lead hazard control work is holding-up?*

The AHA has not conducted any systematic LBP hazard control work at Grady Homes.

## **6.8 MANAGEMENT AND MAINTENANCE STAFFING**

### **6.8.1 DEVELOPMENT STAFFING**

*What part of the Authority's maintenance resources is used to maintain painted surfaces, either by in-house maintenance staff or by outside contract?*

There are currently 6 Maintenance Technicians responsible for handling all maintenance issues, including painting, at the Grady Homes development.

*Based on your interviews and observations, does the Development appear to receive adequate maintenance services? Are there extraordinary or chronic maintenance items that need attention?*

On the basis of observations made during the inspection process and information provided by residents, Grady Homes appears to receive adequate basic maintenance services.

ATC did not observe any extraordinary or chronic maintenance items during the inspection of Grady Homes.

*Are overall maintenance resources sufficient to implement necessary hazard control options?*



AHA's current maintenance resources are not adequate to address the hazard control options recommended in this report. AHA should refer to ATC's Deliverable E-Operations and Maintenance Procedures.

### 6.8.2 WORK ORDER SYSTEM

*Did your discussions and inspections indicate that work order items were being completed in a timely and effective manner?*

Observations made during the inspection process indicate that work orders are generally completed in a timely manner.

*Are the personnel doing annual and other inspections trained in LBP issues?*

No.

*What is being done to control LBP hazards for both workers and occupants when suspect painted surfaces are disturbed?*

Currently there is no formal program in place to address LBP hazards for workers when suspect painted surfaces are disturbed.

*What, if anything, should be done to modify the work order system to control potential LBP hazards?*

AHA should ensure that all work orders are categorized and that maintenance personnel are properly informed about disturbing suspect or known LBP. Maintenance workers should be provided the training that will enable them to prepare work areas, and the equipment to carry out these projects, such as respirators, plastic sheeting, and HEPA vacuums, etc. (Refer to The Lead Hazard Control Plan developed for Grady Homes, for further discussion of this subject).

### 6.8.3 REPAINTING POLICY

*Summarize the PHA's repainting policy. Discuss how this policy has affected the overall condition of painted surfaces in the Development.*

AHA's current repainting policy requires the repainting of each apartment every five (5) years.

The current repainting policy appears to be maintaining most interior and exterior surfaces in good to fair condition at Grady Homes.

*Does the policy require modification to address potential LBP hazards?*

Yes.

#### 6.8.4 TURNOVER PROCEDURE

*Summarize the owner's practice or policy for preparation of apartments for reoccupancy. Discuss how this procedure, combined with the turnover rate, has affected the overall condition of painted surfaces in the Development.*

AHA has developed a written policy that addresses the steps taken by management and maintenance personnel during apartment turnovers.

Ten days prior to the scheduled vacancy date, the apartment is inspected by the housing management and maintenance staff to determine the extent of the restoration and repairs required.

The Maintenance staff records the results on inspection report and identifies resident charges, if applicable. One copy of the inspection report is filed for each apartment.

The Maintenance staff generates vacant apartment work orders required to restore the apartment to a condition for reoccupancy, complete with planning estimates and order necessary materials. The inspection team leader will provide the project folder to the Work Control Technician.

The Work Control Technician will inspect the report to ensure receipt of all work orders. When the work request is approved, the folder will be returned to the Work Control Technician for entry into the Automated Work Order System. When all required materials are available, the work order will be scheduled.

If a dwelling apartment has been abandoned without notice, the property manager will initiate an emergency work request to secure the apartment by boarding up all potential means of access to the apartment. The work order will be processed in the manner previously described. This activity must occur as soon as possible following the occupants' departure.

AHA stated in their DDF submission that fifteen (16%) percent or eighty-one (81) apartments were turned over during the past twelve (12) months.

The turnover rate for Grady Homes is within normal parameters.

#### 6.8.5 INSPECTION PROCEDURES

*Are LBP issues taken into consideration during annual and other inspections?*

Yes \_\_\_\_\_ No   X  

*Do inspection procedures require modification to address LBP issues?*

Yes   X   No \_\_\_\_\_

*Does the staff need training for this purpose?*

Yes   X   No \_\_\_\_\_

## 6.8.6 COMMERCIAL/INDUSTRIAL HAZARDS

*Are potential LBP hazards located within one half mile of the Development?*

Yes \_\_\_\_\_ No   X  

Based on the DDF submission provided by the AHA, it is unknown if there is a facility or facilities within one half mile of the Development that may use, distribute, or process materials containing lead.

## 6.9 DEVELOPMENT USE & OCCUPANCY

*What percent of the Development apartments are overcrowded?*

The AHA reported that approximately one (1%) percent or five (5) apartments are categorized as overcrowded at Grady Homes as of June, 1999.

*Briefly summarize the Lease Policy on use of apartments for daycare.*

AHA's resident lease agreement does not allow for the use of apartments for daycare.

*Calculate the average number of children aged 0-7 per apartment.*

The AHA reported that there are 170 children under the age of 5 and 143 between the ages of 6 and 9. The corresponding averages apply:

0.34 children per apartment – 0-5 years of age

0.29 children per apartment – 6-9 years of age

*Calculate the percentage of apartments vacated in the past twelve (12) months.*

  19   %

*Are there suggestions for changes to use and occupancy policies that may assist in controlling exposures to LBP hazards?*

Refer to Deliverable E-Operations and Maintenance Procedures for a list of ATC's recommended changes to AHA's Maintenance Operations Manual.

## 6.10 WORKER TRAINING & PROTECTION

*What are the current Practices for protecting workers from hazardous substance?*

None.

*Does the maintenance staff handle asbestos materials? If so, how are they protected and is this adequate?*

No.

*Has a worker training program been conducted on LBP hazards? Are any workers trained in the use of respirators, HEPA vacuums, and clearance testing procedures? What additional training is needed?*

No.

## APPENDICES

## **APPENDIX A**

### **ENVIRONMENTAL SAMPLES ABOVE THE PERMISSABLE THRESHOLD LIMITS**



1300 Williams Drive  
Marietta, GA 30066  
770-427-9456  
Fax 770-427-1907

Atlanta Housing Authority  
DEVELOPMENT: Grady Homes  
ADDRESS: 120 Bell Street

UNIT TYPE: Targeted  
BUILDING #: 120  
APT. #: 50

DATE: 8/19/99 TIME: 09:55 AM  
CONTROL NO.: 7  
INSPECTOR: Ryan Williams

Sample No.	Type	Room	Wall #	Surface	Substrate	Condition	Dimensions			Sample Comments	Result	Pass/Fail
							L	x	W			
15	Wipe	Kitchen	A	Window Well	Metal	Intact	32	1.5		Sampled left window	1,479.00 ug/ft2	FAIL

**Additional Comments:**

**Permissible Thresholds** Window Wells = 800 ug/ft2, Window Sills = 250 ug/ft2, Floors = 40 ug/ft2, Soil (Non-Playground)=2,000 ppm, Soil (Playground)=400 ppm, Paint =1 ug/cm2, or 0.5% lead by weight

**Units :** ppm = Parts Per Million, % = Percent By Weight, ug/ft2 = Microgram Per Square Foot, mg/cm2 = milligrams per square centimeter

**Pass :** Wipe and soil results < or = Threshold Limit, - Paint results < Threshold Limit

**Fail :** Dust and soil results > Threshold Limit, - Paint results > or = Threshold Limit



1300 Williams Drive  
Marietta, GA 30066  
770-427-9456  
Fax 770-427-1907

Atlanta Housing Authority  
DEVELOPMENT: Grady Homes  
ADDRESS: 120 Bell Street

UNIT TYPE: Targeted  
BUILDING #: 120  
APT. #: 51

DATE: 8/19/99 TIME: 02:40 PM  
CONTROL NO.: 7  
INSPECTOR: Ryan Williams

Sample No.	Type	Room	Wall #	Surface	Substrate	Condition	Dimensions		Sample Comments	Result	Pass/Fail
							L	W			
99	Wipe	Bedroom 2	A	Window Well	Metal	Intact	32	1.5	Sampled right window	4,080.60 ug/ft2	FAIL

#### Additional Comments:

**Permissible Thresholds** Window Wells = 800 ug/ft2, Window Sills = 250 ug/ft2, Floors = 40 ug/ft2, Soil (Non-Playground)=2,000 ppm, Soil (Playground)=400 ppm, Paint = 1 ug/cm2, or 0.5% lead by weight

**Units :** ppm = Parts Per Million, % = Percent By Weight, ug/ft2 = Microgram Per Square Foot, mg/cm2 = milligrams per square centimeter

**Pass :** Wipe and soil results < or = Threshold Limit, - Paint results < Threshold Limit

**Fail :** Dust and soil results > Threshold Limit, - Paint results > or = Threshold Limit





1300 Williams Drive  
Marietta, GA 30066  
770-427-9456  
Fax 770-427-1907

**Atlanta Housing Authority**  
DEVELOPMENT: Grady Homes  
ADDRESS: 315 Tanner Street ASAP Office

UNIT TYPE: Targeted  
BUILDING #: 315  
APT. #:

DATE: 8/19/99 TIME: 03:50 PM  
CONTROL NO.: 7  
INSPECTOR: Ryan Williams

Sample No.	Type	Room	Wall #	Surface	Substrate	Condition	Dimensions		Sample Comments	Result	Pass/Fail
							L	x W			
122	Wipe	Office	F	Floor	Vinyl Tile	Intact	12	12	Sampled at entry	40.40 ug/ft2	FAIL

**Additional Comments:**

**Permissible Thresholds** Window Wells = 800 ug/ft2, Window Sills = 250 ug/ft2, Floors = 40 ug/ft2, Soil (Non-Playground)=2,000 ppm, Soil (Playground)=400 ppm, Paint =1 ug/cm2, or 0.5% lead by weight

**Units :** ppm = Parts Per Million, % = Percent By Weight, ug/ft2 = Microgram Per Square Foot, mg/cm2 = milligrams per square centimeter

**Pass :** Wipe and soil results < or = Threshold Limit, - Paint results < Threshold Limit

**Fail :** Dust and soil results > Threshold Limit, - Paint results > or = Threshold Limit



1300 Williams Drive  
Marietta, GA 30066  
770-427-9456  
Fax 770-427-1907

**Atlanta Housing Authority**  
DEVELOPMENT: **Grady Homes**  
ADDRESS: **121 Bell Street**

UNIT TYPE: **Targeted**  
BUILDING #: **121**  
APT. #: **442**

DATE: **8/20/99** TIME: **09:12 AM**  
CONTROL NO.: **7**  
INSPECTOR: **Ryan Williams**

Sample No.	Type	Room	Wall #	Surface	Substrate	Condition	Dimensions		Sample Comments	Result	Pass/Fail
							L	W			
207	Wipe	Kitchen	C	Window Well	Metal	Intact	32	1.5	Sampled right window	822.90 ug/ft2	FAIL

**Additional Comments:**

**Permissible Thresholds** Window Wells = 800 ug/ft2, Window Sills = 250 ug/ft2, Floors = 40 ug/ft2, Soil (Non-Playground)=2,000 ppm, Soil (Playground)=400 ppm, Paint = 1 ug/cm2, or 0.5% lead by weight

**Units :** ppm = Parts Per Million, % = Percent By Weight, ug/ft2 = Microgram Per Square Foot, mg/cm2 = milligrams per square centimeter

**Pass :** Wipe and soil results < or = Threshold Limit, - Paint results < Threshold Limit

**Fail :** Dust and soil results > Threshold Limit, - Paint results > or = Threshold Limit



1300 Williams Drive  
Marietta, GA 30066  
770-427-9456  
Fax 770-427-1907

Atlanta Housing Authority  
DEVELOPMENT: Grady Homes  
ADDRESS: 144 Moore Street

UNIT TYPE: Targeted  
BUILDING #: 144  
APT. #: 492

DATE: 8/20/99 TIME: 11:20 AM  
CONTROL NO.: 7  
INSPECTOR: Ryan Williams

Sample No.	Type	Room	Wall #	Surface	Substrate	Condition	Dimensions			Sample Comments	Result	Pass/Fail
							L	x	W			
215	Wipe	Kitchen	C	Window Well	Metal	Intact	32		1.5	Sampled right window	839.40 ug/ft2	FAIL

#### Additional Comments:

Permissible Thresholds Window Wells = 800 ug/ft2, Window Sills = 250 ug/ft2, Floors = 40 ug/ft2, Soil (Non-Playground)=2,000 ppm, Soil (Playground)=400 ppm, Paint =1 ug/cm2, or 0.5% lead by weight

Units : ppm = Parts Per Million, % = Percent By Weight, ug/ft2 = Microgram Per Square Foot, mg/cm2 = milligrams per square centimeter

Pass : Wipe and soil results < or = Threshold Limit, - Paint results < Threshold Limit

Fail : Dust and soil results > Threshold Limit, - Paint results > or = Threshold Limit



1300 Williams Drive  
Marietta, GA 30066  
770-427-9456  
Fax 770-427-1907

Atlanta Housing Authority  
DEVELOPMENT: Grady Homes  
ADDRESS: 144 Moore Street

UNIT TYPE: Targeted  
BUILDING #: 114  
APT. #: 493

DATE: 8/20/99 TIME: 11:31 AM  
CONTROL NO.: 7  
INSPECTOR: Ryan Williams

Sample No.	Type	Room	Wall #	Surface	Substrate	Condition	Dimensions		Sample Comments	Result	Pass/Fail
							L	W			
223	Wipe	Living Room	A	Window Well	Metal	Intact	32	1.5	Sampled left window	892.80 ug/ft2	FAIL
230	Wipe	Bedroom 3	C	Window Well	Metal	Intact	32	1.5	Sampled right window	1,553.10 ug/ft2	FAIL

#### Additional Comments:

**Permissible Thresholds** Window Wells = 800 ug/ft2, Window Sills = 250 ug/ft2, Floors = 40 ug/ft2, Soil (Non-Playground)=2,000 ppm, Soil (Playground)=400 ppm, Paint = 1 ug/cm2, or 0.5% lead by weight

**Units :** ppm = Parts Per Million, % = Percent By Weight, ug/ft2 = Microgram Per Square Foot, mg/cm2 = milligrams per square centimeter

**Pass :** Wipe and soil results < or = Threshold Limit, - Paint results < Threshold Limit

**Fail :** Dust and soil results > Threshold Limit, - Paint results > or = Threshold Limit



1300 Williams Drive  
Marietta, GA 30066  
770-427-9456  
Fax 770-427-1907

Atlanta Housing Authority  
DEVELOPMENT: Grady Homes  
ADDRESS: Laundry Room

UNIT TYPE: Targeted  
BUILDING #:  
APT. #:

DATE: 8/20/99 TIME: 01:00 PM  
CONTROL NO.: 7  
INSPECTOR: Ryan Williams

Sample No.	Type	Room	Wall #	Surface	Substrate	Condition	Dimensions		Sample Comments	Result	Pass/Fail
							L	W			
240	Wipe	Laundry Room	B	Window Well	Metal	Intact	10	1.5	Sampled left window	4,916.16 ug/ft2	FAIL

**Additional Comments:**

**Permissible Thresholds** Window Wells = 800 ug/ft2, Window Sills = 250 ug/ft2, Floors = 40 ug/ft2, Soil (Non-Playground)=2,000 ppm, Soil (Playground)=400 ppm, Paint = 1 ug/cm2, or 0.5% lead by weight

**Units :** ppm = Parts Per Million, % = Percent By Weight, ug/ft2 = Microgram Per Square Foot, mg/cm2 = milligrams per square centimeter

**Pass :** Wipe and soil results < or = Threshold Limit, - Paint results < Threshold Limit

**Fail :** Dust and soil results > Threshold Limit, - Paint results > or = Threshold Limit

## **APPENDIX B**

### **ALL ENVIRONMENTAL SAMPLE DATA**



1300 Williams Drive  
Marietta, GA 30066  
770-427-9456  
Fax 770-427-1907

Atlanta Housing Authority  
DEVELOPMENT: Grady Homes  
ADDRESS: 110 Bell Street

UNIT TYPE: Targeted  
BUILDING #: 110  
APT. #: 12

DATE: 8/19/99 TIME: 09:32 AM  
CONTROL NO.: 7  
INSPECTOR: Ryan Williams

Sample No.	Type	Room	Wall #	Surface	Substrate	Condition	Dimensions		Sample Comments	Result	Pass/Fail
							L	W			
1	Blank								First of day blank/ First of canister blank	< 16.40 ug/ft2	
2	Wipe	Living Room	F	Floor	Vinyl Tile	Intact	12	12	Sampled at entry	< 16.40 ug/ft2	PASS
3	Wipe	Living Room	A	Window Well	Metal	Intact	32	1.5	Sampled right window	124.50 ug/ft2	PASS
4	Wipe	Kitchen	F	Floor	Vinyl Tile	Intact	12	12	Sampled middle of room	< 16.40 ug/ft2	PASS
5	Wipe	Kitchen	C	Window Well	Metal	Intact	32	1.5	Sampled right window	142.20 ug/ft2	PASS
6	Wipe	Bedroom 1	F	Floor	Vinyl Tile	Intact	12	12	Sampled at entry	< 16.40 ug/ft2	PASS
7	Wipe	Bedroom 1	A	Window Well	Metal	Intact	32	1.5	Sampled right window	88.20 ug/ft2	PASS
8	Wipe	Bedroom 2	F	Floor	Vinyl Tile	Intact	12	12	Sampled middle of room	< 16.40 ug/ft2	PASS
9	Soil	Exterior Foundation				Poor	12	12	Sampled bare spots around building perimeter	155.99 ppm	PASS
10	Soil	Exterior Yard				Poor			Sampled bare spots around building perimeter	92.12 ppm	PASS
11	Wipe	Bedroom 2	A	Window Well	Metal	Intact	32	1.5	Sampled left window	261.00 ug/ft2	PASS

#### Additional Comments:

Permissible Thresholds Window Wells = 800 ug/ft2, Window Sills = 250 ug/ft2, Floors = 40 ug/ft2, Soil (Non-Playground)=2,000 ppm, Soil (Playground)=400 ppm, Paint = 1 ug/cm2, or 0.5% lead by weight

Units : ppm = Parts Per Million, % = Percent By Weight, ug/ft2 = Microgram Per Square Foot, mg/cm2 = milligrams per square centimeter

Pass : Wipe and soil results < or = Threshold Limit, - Paint results < Threshold Limit

Fail : Dust and soil results > Threshold Limit, - Paint results > or = Threshold Limit



1300 Williams Drive  
Marietta, GA 30066  
770-427-9456  
Fax 770-427-1907

**Atlanta Housing Authority**  
DEVELOPMENT: Grady Homes  
ADDRESS: 120 Bell Street

UNIT TYPE: Targeted  
BUILDING #: 120  
APT. #: 50

DATE: 8/19/99 TIME: 09:55 AM  
CONTROL NO.: 7  
INSPECTOR: Ryan Williams

Sample No.	Type	Room	Wall #	Surface	Substrate	Condition	Dimensions		Sample Comments	Result	Pass/Fail
							L	W			
12	Wipe	Living Room	F	Floor	Linoleum	Fair	12	12	Sampled at entry	< 16.40 ug/ft2	PASS
13	Wipe	Living Room	A	Window Well	Metal	Intact	32	1.5	Sampled left window	210.30 ug/ft2	PASS
14	Wipe	Kitchen	F	Floor	Vinyl Tile	Intact	12	12	Sampled middle of room	< 16.40 ug/ft2	PASS
15	Wipe	Kitchen	A	Window Well	Metal	Intact	32	1.5	Sampled left window	1,479.00 ug/ft2	FAIL
16	Wipe	Bedroom 3	F	Floor	Vinyl Tile	Intact	12	12	Sampled middle of room	< 16.40 ug/ft2	PASS
17	Wipe	Bedroom 3	B	Window Well	Metal	Intact	34	1.5	Sampled only window	< 46.31 ug/ft2	PASS
18	Wipe	Bedroom 1	F	Floor	Vinyl Tile	Intact	12	12	Sampled middle of room	< 16.40 ug/ft2	PASS
19	Wipe	Bedroom 1	C	Window Well	Metal	Intact	32	.5	Sampled left window	247.50 ug/ft2	PASS
20	Soil	Exterior Foundation				Poor			Sampled bare spots around building perimeter	64.65 ppm	PASS
21	Soil	Exterior Yard				Poor			Sampled bare spots around building perimeter	50.47 ppm	PASS
22	Soil	Playground				Poor			Sampled bare spots around playground equipment	11.74 ppm	PASS

#### Additional Comments:

**Permissible Thresholds** Window Wells = 800 ug/ft2, Window Sills = 250 ug/ft2, Floors = 40 ug/ft2, Soil (Non-Playground)=2,000 ppm, Soil (Playground)=400 ppm. Paint = 1 ug/cm2, or 0.5% lead by weight

**Units :** ppm = Parts Per Million, % = Percent By Weight, ug/ft2 = Microgram Per Square Foot, mg/cm2 = milligrams per square centimeter

**Pass :** Wipe and soil results < or = Threshold Limit, - Paint results < Threshold Limit

**Fail :** Dust and soil results > Threshold Limit, - Paint results > or = Threshold Limit





1300 Williams Drive  
Marietta, GA 30066  
770-427-9456  
Fax 770-427-1907

**Atlanta Housing Authority**  
DEVELOPMENT: Grady Homes  
ADDRESS: 116 Bell Street

UNIT TYPE: Targeted  
BUILDING #: 116  
APT. #: 43

DATE: 8/19/99 TIME: 10:15 AM  
CONTROL NO.: 7  
INSPECTOR: Ryan Williams

Sample No.	Type	Room	Wall #	Surface	Substrate	Condition	Dimensions		Sample Comments	Result	Pass/Fail
							L	W			
23	Wipe	Living Room	F	Floor	Vinyl Tile	Intact	12	12	Sampled middle of room	< 16.40 ug/ft2	PASS
24	Wipe	Living Room	A	Window Well	Metal	Intact	32	1.5	Sampled bare spots around building perimeter	395.70 ug/ft2	PASS
25	Spike						12	12	Spike# 944CDW9	222.50 ug/ft2	
26	Wipe	Kitchen	F	Floor	Vinyl Tile	Intact	12	12	Sampled middle of room	< 16.40 ug/ft2	PASS
27	Wipe	Kitchen	A	Window Well	Metal	Intact	32	1.5	Sampled right window	300.90 ug/ft2	PASS
28	Wipe	Bedroom 1	F	Floor	Vinyl Tile	Intact	12	12	Sampled middle of room	< 16.40 ug/ft2	PASS
29	Wipe	Bedroom 1	A	Window Well	Metal	Intact	32	1.5	Sampled left window	444.00 ug/ft2	PASS
30	Wipe	Bedroom 2	F	Floor	Vinyl Tile	Intact	12	12	Sampled middle of room	< 16.40 ug/ft2	PASS
31	Wipe	Bedroom 2	A	Window Well	Metal	Intact	31	1.5	Sampled right window	201.60 ug/ft2	PASS
32	Soil	Exterior Foundation				Poor			Sampled bare spots around building perimeter	65.29 ppm	PASS
33	Soil	Exterior Yard				Poor			Sampled bare spots around building perimeter	35.97 ppm	PASS

#### Additional Comments:

**Permissible Thresholds** Window Wells = 800 ug/ft2, Window Sills = 250 ug/ft2, Floors = 40 ug/ft2, Soil (Non-Playground)=2,000 ppm, Soil (Playground)=400 ppm, Paint =1 ug/cm2, or 0.5% lead by weight

**Units :** ppm = Parts Per Million, % = Percent By Weight, ug/ft2 = Microgram Per Square Foot, mg/cm2 = milligrams per square centimeter

**Pass :** Wipe and soil results < or = Threshold Limit, - Paint results < Threshold Limit

**Fail :** Dust and soil results > Threshold Limit, - Paint results > or = Threshold Limit



1300 Williams Drive  
Marietta, GA 30066  
770-427-9456  
Fax 770-427-1907

**Atlanta Housing Authority**  
DEVELOPMENT: Grady Homes  
ADDRESS: 132 Bell Street

UNIT TYPE: Targeted  
BUILDING #: 132  
APT. #: 71

DATE: 8/19/99 TIME: 10:45 AM  
CONTROL NO.: 7  
INSPECTOR: Ryan Williams

Sample No.	Type	Room	Wall #	Surface	Substrate	Condition	Dimensions		Sample Comments	Result	Pass/Fail
							L	W			
34	Wipe	Living Room	F	Floor	Vinyl Tile	Intact	12	12	Sampled at entry	< 16.40 ug/ft2	PASS
35	Wipe	Living Room	A	Window Well	Metal	Intact	32	1.5	Sampled right window	432.30 ug/ft2	PASS
36	Wipe	Kitchen	F	Floor	Vinyl Tile	Intact	12	12	Sampled middle of room	< 16.40 ug/ft2	PASS
37	Wipe	Kitchen	C	Window Well	Metal	Intact	32	1.5	Sampled right window	234.00 ug/ft2	PASS
38	Wipe	Bedroom 2	F	Floor	Vinyl Tile	Intact	12	12	Sampled middle of room	< 16.40 ug/ft2	PASS
39	Wipe	Bedroom 2	C	Window Well	Metal	Intact	32	1.5	Sampled left window	68.70 ug/ft2	PASS
40	Wipe	Bedroom 3	F	Floor	Vinyl Tile	Intact	12	12	Sampled middle of room	< 16.40 ug/ft2	PASS
41	Wipe	Bedroom 3	C	Window Well	Metal	Intact	29	1.5	Sampled only window	215.83 ug/ft2	PASS
42	Soil	Exterior Foundation				Poor			Sampled bare spots around building perimeter	111.62 ppm	
43	Soil	Exterior Yard				Poor			Sampled bare spots around building perimeter	132.50 ppm	PASS

#### Additional Comments:

**Permissible Thresholds** Window Wells = 800 ug/ft2, Window Sills = 250 ug/ft2, Floors = 40 ug/ft2, Soil (Non-Playground)=2,000 ppm, Soil (Playground)=400 ppm, Paint =1 ug/cm2, or 0.5% lead by weight

**Units :** ppm = Parts Per Million, % = Percent By Weight, ug/ft2 = Microgram Per Square Foot, mg/cm2 = milligrams per square centimeter

**Pass :** Wipe and soil results < or = Threshold Limit, - Paint results < Threshold Limit

**Fail :** Dust and soil results > Threshold Limit, - Paint results > or = Threshold Limit



1300 Williams Drive  
Marietta, GA 30066  
770-427-9456  
Fax 770-427-1907

Atlanta Housing Authority  
DEVELOPMENT: Grady Homes  
ADDRESS: 132 Bell Street

UNIT TYPE: Targeted  
BUILDING #: 132  
APT. #: 66

DATE: 8/19/99 TIME: 11:05 AM  
CONTROL NO.: 7  
INSPECTOR: Ryan Williams

Sample No.	Type	Room	Wall #	Surface	Substrate	Condition	Dimensions		Sample Comments	Result	Pass/Fail
							L	W			
44	Wipe	Living Room	F	Floor	Vinyl Tile	Intact	12	12	Sampled middle of room	< 16.40 ug/ft2	PASS
45	Wipe	Living Room	A	Window Well	Metal	Intact	32	1.5	Sampled right window	66.60 ug/ft2	PASS
46	Wipe	Kitchen	F	Floor	Vinyl Tile	Intact	12	12	Sampled middle of room	< 16.40 ug/ft2	PASS
47	Wipe	Kitchen	C	Window Well	Metal	Intact	32	1.5	Sampled left window	99.60 ug/ft2	PASS
48	Wipe	Bedroom 1	F	Floor	Vinyl Tile	Intact	12	12	Sampled middle of room	< 16.40 ug/ft2	PASS
49	Wipe	Bedroom 1	A	Window Well	Metal	Intact	32	1.5	Sampled left window	84.60 ug/ft2	PASS
50	Blank								Blank per 50 samples	< 16.40 ug/ft2	
51	Wipe	Bedroom 2	F	Floor	Vinyl Tile	Intact	12	12	Sampled middle of room	< 16.40 ug/ft2	PASS
52	Wipe	Bedroom 2	C	Window Well	Metal	Intact	32	1.5	Sampled left window	< 49.20 ug/ft2	PASS

#### Additional Comments:

**Permissible Thresholds** Window Wells = 800 ug/ft2, Window Sills = 250 ug/ft2, Floors = 40 ug/ft2, Soil (Non-Playground)=2,000 ppm, Soil (Playground)=400 ppm, Paint =1 ug/cm2, or 0.5% lead by weight

**Units :** ppm = Parts Per Million, % = Percent By Weight, ug/ft2 = Microgram Per Square Foot, mg/cm2 = milligram per square centimeter

**Pass :** Wipe and soil results < or = Threshold Limit, - Paint results < Threshold Limit

**Fail :** Dust and soil results > Threshold Limit, - Paint results > or = Threshold Limit



1300 Williams Drive  
Marietta, GA 30066  
770-427-9456  
Fax 770-427-1907

Atlanta Housing Authority  
DEVELOPMENT: Grady Homes  
ADDRESS: 334 Decatur Street

UNIT TYPE: Targeted  
BUILDING #: 334  
APT. #: 150

DATE: 8/19/99 TIME: 11:25 AM  
CONTROL NO.: 7  
INSPECTOR: Ryan Williams

Sample No.	Type	Room	Wall #	Surface	Substrate	Condition	Dimensions		Sample Comments	Result	Pass/Fail
							L	x W			
53	Wipe	Living Room	F	Floor	Carpet	Intact	12	12	Sampled at entry	28.70 ug/ft2	PASS
54	Wipe	Living Room	A	Window Well	Metal	Intact	32	1.5	Sampled left window	259.50 ug/ft2	PASS
55	Wipe	Kitchen	F	Floor	Carpet	Intact	12	12	Sampled middle of room	< 16.40 ug/ft2	PASS
56	Wipe	Kitchen	C	Window Well	Metal	Intact	32	1.5	Sampled left window	196.50 ug/ft2	PASS
57	Wipe	Bedroom 1	F	Floor	Carpet	Intact	12	12	Sampled middle of room	< 16.40 ug/ft2	PASS
58	Wipe	Bedroom 1	A	Window Sill	Wood	Intact	38	2	Sampled left window	< 31.07 ug/ft2	PASS
59	Wipe	Bedroom 2	F	Floor	Vinyl Tile	Intact	12	12	Sampled middle of room	< 16.40 ug/ft2	PASS
60	Wipe	Bedroom 2	C	Window Well	Metal	Intact	32	1.5	Sampled right window	665.70 ug/ft2	PASS
61	Soil	Exterior Foundation				Poor			Sampled bare spots around building perimeter	140.60 ppm	PASS
62	Soil	Exterior Yard				Poor			Sampled bare spots around building perimeter	207.36 ppm	PASS

#### Additional Comments:

Permissible Thresholds Window Wells = 800 ug/ft2, Window Sills = 250 ug/ft2, Floors = 40 ug/ft2, Soil (Non-Playground)=2,000 ppm, Soil (Playground)=400 ppm, Paint =1 ug/cm2, or 0.5% lead by weight

Units : ppm = Parts Per Million, % = Percent By Weight, ug/ft2 = Microgram Per Square Foot, mg/cm2 = milligrams per square centimeter

Pass : Wipe and soil results < or = Threshold Limit, - Paint results < Threshold Limit

Fail : Dust and soil results > Threshold Limit, - Paint results > or = Threshold Limit



1300 Williams Drive  
Marietta, GA 30066  
770-427-9456  
Fax 770-427-1907

Atlanta Housing Authority  
DEVELOPMENT: Grady Homes  
ADDRESS: 77 Hillard Street

UNIT TYPE: Targeted  
BUILDING #: 77  
APT. #: 267

DATE: 8/19/99 TIME: 11:53 AM  
CONTROL NO.: 7  
INSPECTOR: Ryan Williams

Sample No.	Type	Room	Wall #	Surface	Substrate	Condition	Dimensions			Sample Comments	Result	Pass/Fail
							L	x	W			
63	Wipe	Living Room	F	Floor	Vinyl Tile	Intact	12	12		Sampled at entry	< 16.40 ug/ft2	PASS
64	Wipe	Living Room	A	Window Well	Metal	Intact	32	1.5		Sampled left window	302.40 ug/ft2	PASS
65	Wipe	Kitchen	F	Floor	Vinyl Tile	Intact	12	12		Sampled middle of room	< 16.40 ug/ft2	PASS
66	Wipe	Kitchen	C	Window Well	Metal	Intact	32	1.5		Sampled left window	218.40 ug/ft2	PASS
67	Wipe	Bedroom 1	F	Floor	Vinyl Tile	Intact	12	12		Sampled middle of room	< 16.40 ug/ft2	PASS
68	Wipe	Bedroom 1	A	Window Well	Metal	Intact	32	1.5		Sampled right window	281.10 ug/ft2	PASS
69	Wipe	Bedroom 3	F	Floor	Vinyl Tile	Intact	12	12		Sampled middle of room	< 16.40 ug/ft2	PASS
70	Wipe	Bedroom 3	A	Window Well	Metal	Intact	32	1.5		Sampled left window	168.60 ug/ft2	PASS
71	Soil	Exterior Foundation				Poor				Sampled bare spots around building perimeter	82.45 ppm	PASS
72	Soil	Exterior Yard				Poor				Sampled bare spots around building perimeter	107.66 ppm	PASS

#### Additional Comments:

Permissible Thresholds Window Wells = 800 ug/ft2, Window Sills = 250 ug/ft2, Floors = 40 ug/ft2, Soil (Non-Playground)=2,000 ppm, Soil (Playground)=400 ppm, Paint =1 ug/cm2, or 0.5% lead by weight

Units : ppm = Parts Per Million, % = Percent By Weight, ug/ft2 = Microgram Per Square Foot, mg/cm2 = milligrams per square centimeter

Pass : Wipe and soil results < or = Threshold Limit, - Paint results < Threshold Limit

Fail : Dust and soil results > Threshold Limit, - Paint results > or = Threshold Limit



1300 Williams Drive  
Marietta, GA 30066  
770-427-9456  
Fax 770-427-1907

Atlanta Housing Authority  
DEVELOPMENT: Grady Homes  
ADDRESS: 126 Bell Street

UNIT TYPE: Targeted  
BUILDING #: 126  
APT. #: 21

DATE: 8/19/99 TIME: 02:00 PM  
CONTROL NO.: 7  
INSPECTOR: Ryan Williams

Sample No.	Type	Room	Wall #	Surface	Substrate	Condition	Dimensions		Sample Comments	Result	Pass/Fail
							L	x W			
73	Wipe	Living Room	F	Floor	Vinyl Tile	Intact	12	12	Sampled at entry	< 16.40 ug/ft2	PASS
74	Wipe	Living Room	A	Window Sill	Plaster	Intact	39	1.75	Sampled right window	< 34.60 ug/ft2	PASS
75	Spike						12	12	Spike# 937CDW9	337.40 ug/ft2	
76	Wipe	Kitchen	F	Floor	Vinyl Tile	Intact	12	12	Sampled middle of room	< 16.40 ug/ft2	PASS
77	Wipe	Kitchen	C	Window Sill	Plaster	Intact	39	1.75	Sampled right window	< 34.60 ug/ft2	PASS
78	Wipe	Bedroom 1	F	Floor	Vinyl Tile	Intact	12	12	Sampled middle of room	< 16.40 ug/ft2	PASS
79	Wipe	Bedroom 1	A	Window Sill	Plaster	Intact	39	1.75	Sampled right window	< 34.60 ug/ft2	PASS
80	Wipe	Bedroom 2	F	Floor	Vinyl Tile	Intact	12	12	Sampled middle of room	< 16.40 ug/ft2	PASS
81	Wipe	Bedroom 2	C	Window Sill	Plaster	Intact	39	1.75	Sampled right window	< 34.60 ug/ft2	PASS
82	Soil	Exterior Foundation				Poor			Sampled bare spots around building perimeter	158.31 ppm	PASS
83	Soil	Exterior Yard				Poor			Sampled bare spots around building perimeter	85.01 ppm	PASS

#### Additional Comments:

**Permissible Thresholds** Window Wells = 800 ug/ft2, Window Sills = 250 ug/ft2, Floors = 40 ug/ft2, Soil (Non-Playground)=2,000 ppm, Soil (Playground)=400 ppm, Paint =1 ug/cm2, or 0.5% lead by weight

**Units :** ppm = Parts Per Million, % = Percent By Weight, ug/ft2 = Microgram Per Square Foot, mg/cm2 = milligrams per square centimeter

**Pass :** Wipe and soil results < or = Threshold Limit, - Paint results < Threshold Limit

**Fail :** Dust and soil results > Threshold Limit, - Paint results > or = Threshold Limit



1300 Williams Drive  
Marietta, GA 30066  
770-427-9456  
Fax 770-427-1907

Atlanta Housing Authority  
DEVELOPMENT: Grady Homes  
ADDRESS: 126 Bell Street

UNIT TYPE: Targeted  
BUILDING #: 126  
APT. #: 20

DATE: 8/19/99 TIME: 02:30 PM  
CONTROL NO.: 7  
INSPECTOR: Ryan Williams

Sample No.	Type	Room	Wall #	Surface	Substrate	Condition	Dimensions		Sample Comments	Result	Pass/Fail
							L	W			
84	Wipe	Living Room	F	Floor	Vinyl Tile	Intact	12	12	Sampled at entry	< 16.40 ug/ft2	PASS
85	Wipe	Living Room	A	Window Well	Metal	Intact	32	1.5	Sampled right window	284.70 ug/ft2	PASS
86	Wipe	Kitchen	F	Floor	Vinyl Tile	Intact	12	12	Sampled middle of room	< 16.40 ug/ft2	PASS
87	Wipe	Kitchen	C	Window Well	Metal	Intact	32	1.5	Sampled right window	422.40 ug/ft2	PASS
88	Wipe	Bedroom 1	F	Floor	Vinyl Tile	Intact	12	12	Sampled middle of room	< 16.40 ug/ft2	PASS
89	Wipe	Bedroom 1	A	Window Well	Metal	Intact	32	1.5	Sampled right window	425.10 ug/ft2	PASS
90	Wipe	Bedroom 2	F	Floor	Vinyl Tile	Intact	12	12	Sampled middle of room	< 16.40 ug/ft2	PASS
91	Wipe	Bedroom 2	C	Window Well	Metal	Intact	32	1.5	Sampled right window	172.80 ug/ft2	PASS

**Additional Comments:**

**Permissible Thresholds** Window Wells = 800 ug/ft2, Window Sills = 250 ug/ft2, Floors = 40 ug/ft2, Soil (Non-Playground)=2,000 ppm, Soil (Playground)=400 ppm, Paint =1 ug/cm2, or 0.5% lead by weight

**Units :** ppm = Parts Per Million, % = Percent By Weight, ug/ft2 = Microgram Per Square Foot, mg/cm2 = milligrams per square centimeter

**Pass :** Wipe and soil results < or = Threshold Limit, - Paint results < Threshold Limit

**Fail :** Dust and soil results > Threshold Limit, - Paint results > or = Threshold Limit



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Marietta, GA 30066  
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Fax 770-427-1907

**Atlanta Housing Authority**  
DEVELOPMENT: Grady Homes  
ADDRESS: 120 Bell Street

UNIT TYPE: Targeted  
BUILDING #: 120  
APT. #: 51

DATE: 8/19/99 TIME: 02:40 PM  
CONTROL NO.: 7  
INSPECTOR: Ryan Williams

Sample No.	Type	Room	Wall #	Surface	Substrate	Condition	Dimensions		Sample Comments	Result	Pass/Fail
							L	W			
92	Wipe	Living Room	F	Floor	Vinyl Tile	Intact	12	12	Sampled at entry	< 16.40 ug/ft2	PASS
93	Wipe	Living Room	A	Window Well	Metal	Intact	32	1.5	Sampled right window	326.40 ug/ft2	PASS
94	Wipe	Kitchen	F	Floor	Vinyl Tile	Intact	12	12	Sampled middle of room	< 16.40 ug/ft2	PASS
95	Wipe	Kitchen	C	Window Well	Metal	Intact	32	1.5	Sampled left window	270.60 ug/ft2	PASS
96	Wipe	Bedroom 1	F	Floor	Vinyl Tile	Intact	12	12	Sampled middle of room	< 16.40 ug/ft2	PASS
97	Wipe	Bedroom 1	A	Window Well	Metal	Intact	32	1.5	Sampled left window	281.70 ug/ft2	PASS
98	Wipe	Bedroom 2	F	Floor	Vinyl Tile	Intact	12	12	Sampled middle of room	< 16.40 ug/ft2	PASS
99	Wipe	Bedroom 2	A	Window Well	Metal	Intact	32	1.5	Sampled right window	4,080.60 ug/ft2	FAIL
100	Blank								Blank per 50 samples	< 16.40 ug/ft2	
101	Paint	Hallway	D	Wall	Plaster	Poor			Sampled near top of stairwell	0.10 %	PASS

#### Additional Comments:

**Permissible Thresholds** Window Wells = 800 ug/ft2, Window Sills = 250 ug/ft2, Floors = 40 ug/ft2, Soil (Non-Playground)=2,000 ppm, Soil (Playground)=400 ppm, Paint =1 ug/cm2, or 0.5% lead by weight

**Units :** ppm = Parts Per Million, % = Percent By Weight, ug/ft2 = Microgram Per Square Foot, mg/cm2 = milligrams per square centimeter

**Pass :** Wipe and soil results < or = Threshold Limit, - Paint results < Threshold Limit

**Fail :** Dust and soil results > Threshold Limit, - Paint results > or = Threshold Limit





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Marietta, GA 30066  
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Atlanta Housing Authority  
DEVELOPMENT: Grady Homes  
ADDRESS: 104 Bell Street

UNIT TYPE: Targeted  
BUILDING #: 104  
APT. #: 4

DATE: 8/19/99 TIME: 03:00 PM  
CONTROL NO.: 7  
INSPECTOR: Ryan Williams

Sample No.	Type	Room	Wall #	Surface	Substrate	Condition	Dimensions		Sample Comments	Result	Pass/Fail
							L	x W			
102	Wipe	Living Room	F	Floor	Vinyl Tile	Intact	12	12	Sampled middle of room	< 16.40 ug/ft2	PASS
103	Wipe	Living Room	A	Window Well	Metal	Intact	32	1.5	Sampled left window	216.90 ug/ft2	PASS
104	Wipe	Kitchen	F	Floor	Vinyl Tile	Intact	12	12	Sampled middle of room	< 16.40 ug/ft2	PASS
105	Wipe	Kitchen	C	Window Well	Metal	Intact	32.5	1.5	Sampled right window	420.92 ug/ft2	PASS
106	Wipe	Bedroom 1	F	Floor	Vinyl Tile	Intact	12	12	Sampled middle of room	19.80 ug/ft2	PASS
107	Wipe	Bedroom 1	A	Window Sill	Wood	Intact	39	1.75	Sampled right window	< 34.60 ug/ft2	PASS
108	Wipe	Bedroom 2	F	Floor	Vinyl Tile	Intact	12	12	Sampled middle of room	< 16.40 ug/ft2	PASS
109	Wipe	Bedroom 2	C	Window Sill	Wood	Intact	39	1.75	Sampled left window	141.36 ug/ft2	PASS
✓ 110	Soil	Exterior Foundation				Poor			Sampled bare spots around building perimeter	686.61 ppm	PASS
111	Soil	Exterior Yard				Poor			Sampled bare spots around building perimeter	303.44 ppm	PASS

#### Additional Comments:

**Permissible Thresholds** Window Wells = 800 ug/ft2, Window Sills = 250 ug/ft2, Floors = 40 ug/ft2, Soil (Non-Playground)=2,000 ppm, Soil (Playground)=400 ppm, Paint = 1 ug/cm2, or 0.5% lead by weight

**Units :** ppm = Parts Per Million, % = Percent By Weight, ug/ft2 = Microgram Per Square Foot, mg/cm2 = milligrams per square centimeter

**Pass :** Wipe and soil results < or = Threshold Limit, - Paint results < Threshold Limit

**Fail :** Dust and soil results > Threshold Limit, - Paint results > or = Threshold Limit



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Atlanta Housing Authority  
DEVELOPMENT: Grady Homes  
ADDRESS: 47 Hillard Street

UNIT TYPE: Targeted  
BUILDING #: 47  
APT. #: 322

DATE: 8/19/99 TIME: 03:30 PM  
CONTROL NO.: 7  
INSPECTOR: Ryan Williams

Sample No.	Type	Room	Wall #	Surface	Substrate	Condition	Dimensions		Sample Comments	Result	Pass/Fail
							L	W			
112	Wipe	Living Room	F	Floor	Vinyl Tile	Intact	12	12	Sampled at entry	< 16.40 ug/ft2	PASS
113	Wipe	Living Room	A	Window Well	Metal	Intact	32	1.5	Sampled left window	198.00 ug/ft2	PASS
114	Wipe	Kitchen	F	Floor	Vinyl Tile	Intact	12	12	Sampled middle of room	< 16.40 ug/ft2	PASS
115	Wipe	Kitchen	C	Window Well	Metal	Intact	30	1.5	Sampled left window	88.00 ug/ft2	PASS
116	Wipe	Bedroom 1	F	Floor	Vinyl Tile	Intact	12	12	Sampled middle of room	< 16.40 ug/ft2	PASS
117	Wipe	Bedroom 1	A	Window Well	Metal	Intact	32	1.5	Sampled left window	132.90 ug/ft2	PASS
118	Wipe	Bedroom 2	F	Floor	Vinyl Tile	Intact	12	12	Sampled middle of room	21.90 ug/ft2	PASS
119	Wipe	Bedroom 2	A	Window Well	Metal	Intact	32	1.5	Sampled right window	226.80 ug/ft2	PASS
120	Soil	Exterior Foundation				Poor			Sampled bare spots around building perimeter	106.75 ppm	PASS
121	Soil	Exterior Yard				Poor			Sampled bare spots around building perimeter	84.60 ppm	PASS

#### Additional Comments:

**Permissible Thresholds** Window Wells = 800 ug/ft2, Window Sills = 250 ug/ft2, Floors = 40 ug/ft2, Soil (Non-Playground)=2,000 ppm, Soil (Playground)=400 ppm, Paint = 1 ug/cm2, or 0.5% lead by weight

**Units :** ppm = Parts Per Million, % = Percent By Weight, ug/ft2 = Microgram Per Square Foot, mg/cm2 = milligrams per square centimeter

**Pass :** Wipe and soil results < or = Threshold Limit, - Paint results < Threshold Limit

**Fail :** Dust and soil results > Threshold Limit, - Paint results > or = Threshold Limit



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Marietta, GA 30066  
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**Atlanta Housing Authority**  
DEVELOPMENT: **Grady Homes**  
ADDRESS: **315 Tanner Street ASAP Office**

UNIT TYPE: **Targeted**  
BUILDING #: **315**  
APT. #:

DATE: **8/19/99** TIME: **03:50 PM**  
CONTROL NO.: **7**  
INSPECTOR: **Ryan Williams**

Sample No.	Type	Room	Wall #	Surface	Substrate	Condition	Dimensions			Sample Comments	Result	Pass/Fail
							L	x	W			
122	Wipe	Office	F	Floor	Vinyl Tile	Intact	12	12		Sampled at entry	40.40 ug/ft2	FAIL
123	Wipe	Office	A	Window Well	Metal	Intact	32	1.5		Sampled right window	345.00 ug/ft2	PASS
124	Wipe	Community Rm.	F	Floor	Vinyl Tile	Intact	12	12		Sampled middle of room	< 16.40 ug/ft2	PASS
125	Spike						12	12		Spike# 924CDW9	359.60 ug/ft2	
126	Wipe	Community Rm.	A	Window Well	Metal	Intact	32	1.5		Sampled right window	309.00 ug/ft2	PASS
127	Soil	Exterior Foundation				Poor				Sampled bare spots around building perimeter	567.76 ppm	PASS
128	Soil	Exterior Yard				Poor				Sampled bare spots around building perimeter	167.86 ppm	PASS

#### Additional Comments:

**Permissible Thresholds** Window Wells = 800 ug/ft2, Window Sills = 250 ug/ft2, Floors = 40 ug/ft2, Soil (Non-Playground)=2,000 ppm, Soil (Playground)=400 ppm, Paint = 1 ug/cm2, or 0.5% lead by weight

**Units :** ppm = Parts Per Million, % = Percent By Weight, ug/ft2 = Microgram Per Square Foot, mg/cm2 = milligrams per square centimeter

**Pass :** Wipe and soil results < or = Threshold Limit, - Paint results < Threshold Limit

**Fail :** Dust and soil results > Threshold Limit, - Paint results > or = Threshold Limit



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**Atlanta Housing Authority**  
DEVELOPMENT: **Grady Homes**  
ADDRESS: **65 Hillard Street**

UNIT TYPE: **Targeted**  
BUILDING #: **65**  
APT. #: **282**

DATE: **8/19/99** TIME: **04:15 PM**  
CONTROL NO.: **7**  
INSPECTOR: **Ryan Williams**

Sample No.	Type	Room	Wall #	Surface	Substrate	Condition	Dimensions			Sample Comments	Result	Pass/Fail
							L	x	W			
129	Wipe	Living Room	F	Floor	Vinyl Tile	Intact	12	12		Sampled at entry	< 16.40 ug/ft2	PASS
130	Wipe	Living Room	A	Window Well	Metal	Intact	32	1.5		Sampled right window	308.70 ug/ft2	PASS
131	Wipe	Kitchen	F	Floor	Vinyl Tile	Intact	12	12		Sampled middle of room	< 16.40 ug/ft2	PASS
132	Wipe	Kitchen	C	Window Well	Metal	Intact	32	1.5		Sampled left window	163.20 ug/ft2	PASS
133	Wipe	Bedroom 1	F	Floor	Vinyl Tile	Intact	12	12		Sampled middle of room	< 16.40 ug/ft2	PASS
134	Wipe	Bedroom 1	A	Window Well	Metal	Intact	32	1.5		Sampled left window	300.60 ug/ft2	PASS
135	Wipe	Bedroom 2	F	Floor	Vinyl Tile	Intact	12	12		Sampled middle of room	< 16.40 ug/ft2	PASS
136	Wipe	Bedroom 2	C	Window Well	Metal	Intact	32	1.5		Sampled right window	91.50 ug/ft2	PASS
137	Soil	Exterior Foundation				Poor				Sampled bare spots around building perimeter	102.82 ppm	PASS
138	Soil	Exterior Yard				Poor				Sampled bare spots around building perimeter	56.65 ppm	PASS

#### Additional Comments:

**Permissible Thresholds** Window Wells = 800 ug/ft2, Window Sills = 250 ug/ft2, Floors = 40 ug/ft2, Soil (Non-Playground)=2,000 ppm, Soil (Playground)=400 ppm, Paint = 1 ug/cm2, or 0.5% lead by weight

**Units :** ppm = Parts Per Million, % = Percent By Weight, ug/ft2 = Microgram Per Square Foot, mg/cm2 = milligrams per square centimeter

**Pass :** Wipe and soil results < or = Threshold Limit, - Paint results < Threshold Limit

**Fail :** Dust and soil results > Threshold Limit, - Paint results > or = Threshold Limit



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Marietta, GA 30066  
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Atlanta Housing Authority  
DEVELOPMENT: Grady Homes  
ADDRESS: 71 Hillard Street

UNIT TYPE: Targeted  
BUILDING #: 71  
APT. #: 261

DATE: 8/19/99 TIME: 04:45 PM  
CONTROL NO.: 7  
INSPECTOR: Ryan Williams

Sample No.	Type	Room	Wall #	Surface	Substrate	Condition	Dimensions		Sample Comments	Result	Pass/Fail
							L	W			
139	Wipe	Living Room	F	Floor	Vinyl Tile	Intact	12	12	Sampled at entry	< 16.40 ug/ft2	PASS
140	Wipe	Living Room	A	Window Well	Metal	Intact	32	1.5	Sampled left window	335.40 ug/ft2	PASS
141	Wipe	Kitchen	F	Floor	Vinyl Tile	Intact	12	12	Sampled middle of room	< 16.40 ug/ft2	PASS
142	Wipe	Kitchen	C	Window Well	Metal	Intact	32	1.5	Sampled left window	113.70 ug/ft2	PASS
143	Wipe	Bedroom 1	F	Floor	Vinyl Tile	Intact	12	12	Sampled middle of room	< 16.40 ug/ft2	PASS
144	Wipe	Bedroom 1	A	Window Well	Metal	Intact	32	1.5	Sampled left window	199.80 ug/ft2	PASS
145	Wipe	Bedroom 2	F	Floor	Vinyl Tile	Intact	12	12	Sampled middle of room	< 16.40 ug/ft2	PASS
146	Wipe	Bedroom 2	C	Window Well	Metal	Intact	32	1.5	Sampled right window	270.00 ug/ft2	PASS
147	Blank								End of day blank	< 16.40 ug/ft2	
148	Soil	Exterior Foundation				Poor			Sampled bare spots around building perimeter	331.11 ppm	PASS
149	Soil	Exterior Yard				Poor			Sampled bare spots around building perimeter	108.51 ppm	PASS

#### Additional Comments:

Permissible Thresholds Window Wells = 800 ug/ft2, Window Sills = 250 ug/ft2, Floors = 40 ug/ft2, Soil (Non-Playground)=2,000 ppm, Soil (Playground)=400 ppm, Paint =1 ug/cm2, or 0.5% lead by weight

Units : ppm = Parts Per Million, % = Percent By Weight, ug/ft2 = Microgram Per Square Foot, mg/cm2 = milligrams per square centimeter

Pass : Wipe and soil results < or = Threshold Limit, - Paint results < Threshold Limit

Fail : Dust and soil results > Threshold Limit, - Paint results > or = Threshold Limit



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Marietta, GA 30066  
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**Atlanta Housing Authority**  
DEVELOPMENT: Grady Homes  
ADDRESS: 84 Bell Street

UNIT TYPE: Targeted  
BUILDING #: 84  
APT. #: 422

DATE: 8/20/99 TIME: 09:12 AM  
CONTROL NO.: 7  
INSPECTOR: Ryan Williams

Sample No.	Type	Room	Wall #	Surface	Substrate	Condition	Dimensions		Sample Comments	Result	Pass/Fail
							L	W			
150	Blank								Blank per 50 samples	< 16.40 ug/ft2	
151	Blank								First of day blank	< 16.40 ug/ft2	
152	Wipe	Living Room	F	Floor	Vinyl Tile	Intact	12	12	Sampled at entry	< 16.40 ug/ft2	PASS
153	Wipe	Living Room	A	Window Well	Metal	Intact	32	1.5	Sampled right window	226.20 ug/ft2	PASS
154	Wipe	Kitchen	F	Floor	Vinyl Tile	Intact	12	12	Sampled middle of room	< 16.40 ug/ft2	PASS
155	Wipe	Kitchen	C	Window Well	Metal	Intact	32	1.5	Sampled left window	221.40 ug/ft2	PASS
156	Wipe	Bedroom 2	F	Floor	Vinyl Tile	Intact	12	12	Sampled middle of room	< 16.40 ug/ft2	PASS
157	Wipe	Bedroom 2	B	Window Well	Metal	Intact	34	1.5	Sampled left window	< 46.31 ug/ft2	PASS
158	Wipe	Bedroom 3	F	Floor	Vinyl Tile	Intact	12	12	Sampled middle of room	< 16.40 ug/ft2	PASS
159	Wipe	Bedroom 3	C	Window Well	Metal	Intact	32	1.5	Sampled right window	56.70 ug/ft2	PASS
160	Soil	Exterior Foundation				Poor			Sampled bare spots around building perimeter	123.99 ppm	PASS
161	Soil	Exterior Yard				Poor			Sampled bare spots around building perimeter	114.72 ppm	PASS

#### Additional Comments:

**Permissible Thresholds** Window Wells = 800 ug/ft2, Window Sills = 250 ug/ft2, Floors = 40 ug/ft2, Soil (Non-Playground)=2,000 ppm, Soil (Playground)=400 ppm, Paint =1 ug/cm2, or 0.5% lead by weight

**Units :** ppm = Parts Per Million, % = Percent By Weight, ug/ft2 = Microgram Per Square Foot, mg/cm2 = milligrams per square centimeter

**Pass :** Wipe and soil results < or = Threshold Limit, - Paint results < Threshold Limit

**Fail :** Dust and soil results > Threshold Limit, - Paint results > or = Threshold Limit



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Atlanta Housing Authority  
DEVELOPMENT: Grady Homes  
ADDRESS: 351 Tanner Street

UNIT TYPE: Targeted  
BUILDING #: 351  
APT. #: 361

DATE: 8/20/99 TIME: 09:45 AM  
CONTROL NO.: 7  
INSPECTOR: Ryan Williams

Sample No.	Type	Room	Wall #	Surface	Substrate	Condition	Dimensions		Sample Comments	Result	Pass/Fail
							L	W			
162	Wipe	Living Room	F	Floor	Vinyl Tile	Intact	12	12	Sampled at entry	< 16.40 ug/ft2	PASS
163	Wipe	Living Room	A	Window Well	Metal	Intact	32	1.5	Sampled right window	204.00 ug/ft2	PASS
164	Wipe	Kitchen	F	Floor	Vinyl Tile	Intact	12	12	Sampled middle of room	< 16.40 ug/ft2	PASS
165	Wipe	Kitchen	C	Window Well	Metal	Intact	32	1.5	Sampled left window	147.60 ug/ft2	PASS
166	Wipe	Bedroom 1	F	Floor	Vinyl Tile	Intact	12	12	Sampled middle of room	29.40 ug/ft2	PASS
167	Wipe	Bedroom 1	A	Window Well	Metal	Intact	32	1.5	Sampled left window	189.00 ug/ft2	PASS
168	Wipe	Bedroom 2	F	Floor	Vinyl Tile	Intact	12	12	Sampled middle of room	< 16.40 ug/ft2	PASS
169	Wipe	Bedroom 2	A	Window Well	Metal	Intact	32	1.5	Sampled left window	82.80 ug/ft2	PASS

**Additional Comments:**

**Permissible Thresholds** Window Wells = 800 ug/ft2, Window Sills = 250 ug/ft2, Floors = 40 ug/ft2, Soil (Non-Playground)=2,000 ppm, Soil (Playground)=400 ppm, Paint = 1 ug/cm2, or 0.5% lead by weight

**Units :** ppm = Parts Per Million, % = Percent By Weight, ug/ft2 = Microgram Per Square Foot, mg/cm2 = milligrams per square centimeter

**Pass :** Wipe and soil results < or = Threshold Limit, - Paint results < Threshold Limit

**Fail :** Dust and soil results > Threshold Limit, - Paint results > or = Threshold Limit



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**Atlanta Housing Authority**  
DEVELOPMENT: Grady Homes  
ADDRESS: 289 Tanner Street

UNIT TYPE: Random  
BUILDING #: 289  
APT. #: 397

DATE: 8/20/99 TIME: 09:50 AM  
CONTROL NO.: 7  
INSPECTOR: Ryan Williams

Sample No.	Type	Room	Wall #	Surface	Substrate	Condition	Dimensions			Sample Comments	Result	Pass/Fail
							L	x	W			
170	Wipe	Living Room	F	Floor	Vinyl Tile	Intact	12	12		Sampled middle of room	< 16.40 ug/ft2	PASS
171	Wipe	Living Room	A	Window Well	Metal	Intact	32	1.5		Sampled left window	327.90 ug/ft2	PASS
172	Wipe	Kitchen	F	Floor	Vinyl Tile	Intact	12	12		Sampled middle of room	< 16.40 ug/ft2	PASS
173	Wipe	Kitchen	C	Window Well	Metal	Intact	32	1.5		Sampled right window	168.90 ug/ft2	PASS
174	Wipe	Bedroom 1	F	Floor	Vinyl Tile	Intact	12	12		Sampled middle of room	< 16.40 ug/ft2	PASS
175	Spike						12	12		Spike# 930CDW9	283.40 ug/ft2	
176	Wipe	Bedroom 1	A	Window Well	Metal	Intact	32	1.5		Sampled left window	105.00 ug/ft2	PASS
177	Wipe	Bedroom 2	F	Floor	Vinyl Tile	Intact	12	12		Sampled middle of room	< 16.40 ug/ft2	PASS
178	Wipe	Bedroom 2	C	Window Well	Metal	Intact	32	1.5		Sampled right window	135.90 ug/ft2	PASS
179	Soil	Exterior Foundation				Poor				Sampled bare spots around building perimeter	153.08 ppm	PASS
180	Soil	Exterior Yard				Poor				Sampled bare spots around building perimeter	99.70 ppm	PASS

#### Additional Comments:

**Permissible Thresholds** Window Wells = 800 ug/ft2, Window Sills = 250 ug/ft2, Floors = 40 ug/ft2, Soil (Non-Playground)=2,000 ppm, Soil (Playground)=400 ppm, Paint =1 ug/cm2, or 0.5% lead by weight

**Units :** ppm = Parts Per Million, % = Percent By Weight, ug/ft2 = Microgram Per Square Foot, mg/cm2 = milligrams per square centimeter

**Pass :** Wipe and soil results < or = Threshold Limit, - Paint results < Threshold Limit

**Fail :** Dust and soil results > Threshold Limit, - Paint results > or = Threshold Limit





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Marietta, GA 30066  
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Atlanta Housing Authority  
DEVELOPMENT: Grady Homes  
ADDRESS: 59 Hillard Street

UNIT TYPE: Targeted  
BUILDING #: 59  
APT. #: 319

DATE: 8/20/99 TIME: 09:5 AM  
CONTROL NO.: 7  
INSPECTOR: Ryan Williams

Sample No.	Type	Room	Wall #	Surface	Substrate	Condition	Dimensions			Sample Comments	Result	Pass/Fail
							L	x	W			
181	Wipe	Living Room	F	Floor	Vinyl Tile	Intact	12	12		Sampled at entry	< 16.40 ug/ft2	PASS
182	Wipe	Living Room	A	Window Well	Metal	Intact	32	1.5		Sampled right window	360.30 ug/ft2	PASS
183	Wipe	Kitchen	F	Floor	Vinyl Tile	Intact	12	12		Sampled middle of room	< 16.40 ug/ft2	PASS
184	Wipe	Kitchen	B	Window Well	Metal	Intact	32	1.5		Sampled right window	371.10 ug/ft2	PASS
185	Wipe	Bedroom 1	F	Floor	Vinyl Tile	Intact	12	12		Sampled middle of room	< 16.40 ug/ft2	PASS
186	Wipe	Bedroom 1	A	Window Well	Metal	Intact	32	1.5		Sampled right window	165.60 ug/ft2	PASS
187	Wipe	Bedroom 2	F	Floor	Vinyl Tile	Intact	12	12		Sampled middle of room	< 16.40 ug/ft2	PASS
188	Wipe	Bedroom 2	C	Window Well	Metal	Intact	30	1.5		Sampled only window	183.04 ug/ft2	PASS
189	Blank									End of canister blank	< 16.40 ug/ft2	
190	Blank									First of canister blank	< 16.40 ug/ft2	
191	Soil	Exterior Foundation				Poor				Sampled bare spots around building perimeter	198.16 ppm	PASS
192	Soil	Exterior Yard				Poor				Sampled bare spots around building perimeter	45.13 ppm	PASS

#### Additional Comments:

Permissible Thresholds Window Wells = 800 ug/ft2, Window Sills = 250 ug/ft2, Floors = 40 ug/ft2, Soil (Non-Playground)=2,000 ppm, Soil (Playground)=400 ppm, Paint = 1 ug/cm2, or 0.5% lead by weight

Units : ppm = Parts Per Million, % = Percent By Weight, ug/ft2 = Microgram Per Square Foot, mg/cm2 = milligrams per square centimeter

Pass : Wipe and soil results < or = Threshold Limit, - Paint results < Threshold Limit

Fail : Dust and soil results > Threshold Limit, - Paint results > or = Threshold Limit



1300 Williams Drive  
Marietta, GA 30066  
770-427-9456  
Fax 770-427-1907

Atlanta Housing Authority  
DEVELOPMENT: Grady Homes  
ADDRESS: 121 Bell Street

UNIT TYPE: Targeted  
BUILDING #: 121  
APT. #: 444

DATE: 8/20/99 TIME: 10:47 AM  
CONTROL NO.: 7  
INSPECTOR: Ryan Williams

Sample No.	Type	Room	Wall #	Surface	Substrate	Condition	Dimensions			Sample Comments	Result	Pass/Fail
							L	x	W			
193	Wipe	Living Room	F	Floor	Vinyl Tile	Intact	12	12		Sampled middle of room	< 16.40 ug/ft2	PASS
194	Wipe	Living Room	A	Window Well	Metal	Intact	32	1.5		Sampled right window	277.80 ug/ft2	PASS
195	Wipe	Kitchen	F	Floor	Vinyl Tile	Intact	12	12		Sampled middle of room	< 16.40 ug/ft2	PASS
196	Wipe	Kitchen	C	Window Well	Metal	Intact	32	1.5		Sampled left window	434.70 ug/ft2	PASS
197	Wipe	Bedroom 1	F	Floor	Vinyl Tile	Intact	12	12		Sampled middle of room	< 16.40 ug/ft2	PASS
198	Wipe	Bedroom 1	A	Window Well	Metal	Intact	32	1.5		Sampled right window	110.70 ug/ft2	PASS
199	Wipe	Bedroom 2	F	Floor	Vinyl Tile	Intact	12	12		Sampled middle of room	< 16.40 ug/ft2	PASS
200	Blank									Blank per 50 samples	< 16.40 ug/ft2	
201	Wipe	Bedroom 2	C	Window Well	Metal	Intact	12	12		Sampled left window	34.00 ug/ft2	PASS
202	Soil	Exterior Foundation				Poor				Sampled bare spots around building perimeter	115.56 ppm	PASS
203	Soil	Exterior Yard				Poor				Sampled bare spots around building perimeter	167.52 ppm	PASS

#### Additional Comments:

**Permissible Thresholds** Window Wells = 800 ug/ft2, Window Sills = 250 ug/ft2, Floors = 40 ug/ft2, Soil (Non-Playground)=2,000 ppm, Soil (Playground)=400 ppm, Paint =1 ug/cm2, or 0.5% lead by weight

**Units :** ppm = Parts Per Million, % = Percent By Weight, ug/ft2 = Microgram Per Square Foot, mg/cm2 = milligrams per square centimeter

**Pass :** Wipe and soil results < or = Threshold Limit, - Paint results < Threshold Limit

**Fail :** Dust and soil results > Threshold Limit, - Paint results > or = Threshold Limit



1300 Williams Drive  
Marietta, GA 30066  
770-427-9456  
Fax 770-427-1907

Atlanta Housing Authority  
DEVELOPMENT: Grady Homes  
ADDRESS: 121 Bell Street

UNIT TYPE: Targeted  
BUILDING #: 121  
APT. #: 442

DATE: 8/20/99 TIME: 09:12 AM  
CONTROL NO.: 7  
INSPECTOR: Ryan Williams

Sample No.	Type	Room	Wall #	Surface	Substrate	Condition	Dimensions		Sample Comments	Result	Pass/Fail
							L	W			
204	Wipe	Living Room	F	Floor	Vinyl Tile	Intact	12	12	Sampled at entry	< 16.40 ug/ft2	PASS
205	Wipe	Living Room	A	Window Well	Metal	Intact	32	1.5	Sampled right window	361.80 ug/ft2	PASS
206	Wipe	Kitchen	F	Floor	Vinyl Tile	Intact	12	12	Sampled middle of room	< 16.40 ug/ft2	PASS
207	Wipe	Kitchen	C	Window Well	Metal	Intact	32	1.5	Sampled right window	822.90 ug/ft2	FAIL
208	Wipe	Bedroom 1	F	Floor	Vinyl Tile	Intact	12	12	Sampled middle of room	< 16.40 ug/ft2	PASS
209	Wipe	Bedroom 1	A	Window Well	Metal	Intact	32	1.5	Sampled right window	73.80 ug/ft2	PASS
210	Wipe	Bedroom 3	F	Floor	Vinyl Tile	Intact	12	12	Sampled middle of room	< 16.40 ug/ft2	PASS
211	Wipe	Bedroom 3	C	Window Well	Metal	Intact	32	1.5	Sampled left window	75.90 ug/ft2	PASS

#### Additional Comments:

Permissible Thresholds Window Wells = 800 ug/ft2, Window Sills = 250 ug/ft2, Floors = 40 ug/ft2, Soil (Non-Playground)=2,000 ppm, Soil (Playground)=400 ppm, Paint = 1 ug/cm2, or 0.5% lead by weight

Units : ppm = Parts Per Million, % = Percent By Weight, ug/ft2 = Microgram Per Square Foot, mg/cm2 = milligrams per square centimeter

Pass : Wipe and soil results < or = Threshold Limit, - Paint results < Threshold Limit

Fail : Dust and soil results > Threshold Limit, - Paint results > or = Threshold Limit



1300 Williams Drive  
Marietta, GA 30066  
770-427-9456  
Fax 770-427-1907

Atlanta Housing Authority  
DEVELOPMENT: Grady Homes  
ADDRESS: 144 Moore Street

UNIT TYPE: Targeted  
BUILDING #: 144  
APT. #: 492

DATE: 8/20/99 TIME: 11:20 AM  
CONTROL NO.: 7  
INSPECTOR: Ryan Williams

Sample No.	Type	Room	Wall #	Surface	Substrate	Condition	Dimensions			Sample Comments	Result	Pass/Fail
							L	x	W			
212	Wipe	Living Room	F	Floor	Vinyl Tile	Intact	12	12		Sampled at entry	< 16.40 ug/ft2	PASS
213	Wipe	Living Room	A	Window Well	Metal	Intact	32	2		Sampled right window	344.70 ug/ft2	PASS
214	Wipe	Kitchen	F	Floor	Vinyl Tile	Intact	12	12		Sampled middle of room	< 16.40 ug/ft2	PASS
215	Wipe	Kitchen	C	Window Well	Metal	Intact	32	1.5		Sampled right window	839.40 ug/ft2	FAIL
216	Wipe	Bedroom 1	F	Floor	Vinyl Tile	Intact	12	12		Sampled middle of room	< 16.40 ug/ft2	PASS
217	Wipe	Bedroom 1	A	Window Well	Metal	Intact	32	2		Sampled right window	122.40 ug/ft2	PASS
218	Wipe	Bedroom 2	F	Floor	Vinyl Tile	Intact	12	12		Sampled middle of room	< 16.40 ug/ft2	PASS
219	Wipe	Bedroom 2	C	Window Well	Metal	Intact	32	2		Sampled left window	314.78 ug/ft2	PASS
220	Soil	Exterior Foundation				Poor				Sampled bare spots around building perimeter	200.68 ppm	PASS
221	Soil	Exterior Yard				Poor				Sampled bare spots around building perimeter	180.31 ppm	PASS

#### Additional Comments:

Permissible Thresholds Window Wells = 800 ug/ft2, Window Sills = 250 ug/ft2, Floors = 40 ug/ft2, Soil (Non-Playground)=2,000 ppm, Soil (Playground)=400 ppm, Paint =1 ug/cm2, or 0.5% lead by weight

Units : ppm = Parts Per Million, % = Percent By Weight, ug/ft2 = Microgram Per Square Foot, mg/cm2 = milligrams per square centimeter

Pass : Wipe and soil results < or = Threshold Limit, - Paint results < Threshold Limit

Fail : Dust and soil results > Threshold Limit, - Paint results > or = Threshold Limit



1300 Williams Drive  
Marietta, GA 30066  
770-427-9456  
Fax 770-427-1907

Atlanta Housing Authority  
DEVELOPMENT: Grady Homes  
ADDRESS: 144 Moore Street

UNIT TYPE: Targeted  
BUILDING #: 114  
APT. #: 493

DATE: 8/20/99 TIME: 11:31 AM  
CONTROL NO.: 7  
INSPECTOR: Ryan Williams

Sample No.	Type	Room	Wall #	Surface	Substrate	Condition	Dimensions		Sample Comments	Result	Pass/Fail
							L	x W			
222	Wipe	Living Room	F	Floor	Vinyl Tile	Intact	12	12	Sampled at entry	< 16.40 ug/ft2	PASS
223	Wipe	Living Room	A	Window Well	Metal	Intact	32	1.5	Sampled left window	892.80 ug/ft2	FAIL
224	Wipe	Kitchen	F	Floor	Vinyl Tile	Intact	12	12	Sampled middle of room	< 16.40 ug/ft2	PASS
225	Spike						12	12	Spike # 923CDW9	262.10 ug/ft2	
226	Wipe	Kitchen	C	Window Well	Metal	Intact	30	2	Sampled left window	521.28 ug/ft2	PASS
227	Wipe	Bedroom 2	F	Floor	Vinyl Tile	Intact	12	12	Sampled middle of room	< 16.40 ug/ft2	PASS
228	Wipe	Bedroom 2	A	Window Well	Metal	Intact	32	1.5	Sampled left window	318.60 ug/ft2	PASS
229	Wipe	Bedroom 3	F	Floor	Vinyl Tile	Intact	12	12	Sampled middle of room	< 16.40 ug/ft2	PASS
230	Wipe	Bedroom 3	C	Window Well	Metal	Intact	32	1.5	Sampled right window	1,553.10 ug/ft2	FAIL

#### Additional Comments:

**Permissible Thresholds** Window Wells = 800 ug/ft2, Window Sills = 250 ug/ft2, Floors = 40 ug/ft2, Soil (Non-Playground)=2,000 ppm, Soil (Playground)=400 ppm, Paint =1 ug/cm2, or 0.5% lead by weight

**Units :** ppm = Parts Per Million, % = Percent By Weight, ug/ft2 = Microgram Per Square Foot, mg/cm2 = milligrams per square centimeter

**Pass :** Wipe and soil results < or = Threshold Limit, - Paint results < Threshold Limit

**Fail :** Dust and soil results > Threshold Limit, - Paint results > or = Threshold Limit



1300 Williams Drive  
Marietta, GA 30066  
770-427-9456  
Fax 770-427-1907

**Atlanta Housing Authority**  
DEVELOPMENT: Grady Homes  
ADDRESS: 144 Moore Street

UNIT TYPE: Targeted  
BUILDING #: 114  
APT. #: 490

DATE: 8/20/99 TIME: 11:59 AM  
CONTROL NO.: 7  
INSPECTOR: Ryan Williams

Sample No.	Type	Room	Wall #	Surface	Substrate	Condition	Dimensions		Sample Comments	Result	Pass/Fail
							L	W			
231	Wipe	Living Room	F	Floor	Vinyl Tile	Intact	12	12	Sampled at entry	< 16.40 ug/ft2	PASS
232	Wipe	Living Room	A	Window Well	Metal	Intact	32	1.5	Sampled right window	623.40 ug/ft2	PASS
233	Wipe	Kitchen	F	Floor	Vinyl Tile	Intact	12	12	Sampled middle of room	< 16.40 ug/ft2	PASS
234	Wipe	Kitchen	C	Window Sill	Wood	Intact	38	1.5	Sampled left window	< 41.43 ug/ft2	PASS
235	Wipe	Bedroom 1	F	Floor	Vinyl Tile	Intact	12	12	Sampled middle of room	< 16.40 ug/ft2	PASS
236	Wipe	Bedroom 1	A	Window Sill	Wood	Intact	38	1.5	Sampled right window	< 41.43 ug/ft2	PASS
237	Wipe	Bedroom 2	F	Floor	Vinyl Tile	Intact	12	12	Sampled middle of room	< 16.40 ug/ft2	PASS
238	Wipe	Bedroom 2	C	Window Sill	Wood	Intact	38	1.5	Sampled right window	< 41.43 ug/ft2	PASS

**Additional Comments:**

**Permissible Thresholds** Window Wells = 800 ug/ft2, Window Sills = 250 ug/ft2, Floors = 40 ug/ft2, Soil (Non-Playground)=2,000 ppm, Soil (Playground)=400 ppm, Paint = 1 ug/cm2, or 0.5% lead by weight

**Units :** ppm = Parts Per Million, % = Percent By Weight, ug/ft2 = Microgram Per Square Foot, mg/cm2 = milligrams per square centimeter

**Pass :** Wipe and soil results < or = Threshold Limit, - Paint results < Threshold Limit

**Fail :** Dust and soil results > Threshold Limit, - Paint results > or = Threshold Limit



1300 Williams Drive  
Marietta, GA 30066  
770-427-9456  
Fax 770-427-1907

Atlanta Housing Authority  
DEVELOPMENT: Grady Homes  
ADDRESS: Laundry Room

UNIT TYPE: Targeted  
BUILDING #:  
APT. #:

DATE: 8/20/99 TIME: 11:59 AM  
CONTROL NO.: 7  
INSPECTOR: Ryan Williams

Sample No.	Type	Room	Wall #	Surface	Substrate	Condition	Dimensions		Sample Comments	Result	Pass/Fail
							L	x W			
239	Wipe	Laundry Room	F	Floor	Concrete	Intact	12	12	Sampled middle of room	19.70 ug/ft2	PASS
240	Wipe	Laundry Room	B	Window Well	Metal	Intact	10	1.5	Sampled left window	4,916.16 ug/ft2	FAIL

**Additional Comments:**

**Permissible Thresholds** Window Wells = 800 ug/ft2, Window Sills = 250 ug/ft2, Floors = 40 ug/ft2, Soil (Non-Playground)=2,000 ppm, Soil (Playground)=400 ppm, Paint =1 ug/cm2, or 0.5% lead by weight

**Units :** ppm = Parts Per Million, % = Percent By Weight, ug/ft2 = Microgram Per Square Foot, mg/cm2 = milligrams per square centimeter

**Pass :** Wipe and soil results < or = Threshold Limit, - Paint results < Threshold Limit **Fail :** Dust and soil results > Threshold Limit, - Paint results > or = Threshold Limit



1300 Williams Drive  
Marietta, GA 30066  
770-427-9456  
Fax 770-427-1907

Atlanta Housing Authority  
DEVELOPMENT: Grady Homes  
ADDRESS: Playgrounds

UNIT TYPE: Targeted  
BUILDING #:  
APT. #:

DATE: 8/20/99 TIME: 11:59 AM  
CONTROL NO.: 7  
INSPECTOR: Ryan Williams

Sample No.	Type	Room	Wall # Surface	Substrate	Condition	Dimensions		Sample Comments	Result	Pass/Fail
						L	x W			
241	Soil	Playground			Poor			Sampled bare spots around baseball field	73.16 ppm	PASS

#### Additional Comments:

**Permissible Thresholds** Window Wells = 800 ug/ft<sup>2</sup>, Window Sills = 250 ug/ft<sup>2</sup>, Floors = 40 ug/ft<sup>2</sup>, Soil (Non-Playground)=2,000 ppm, Soil (Playground)=400 ppm, Paint = 1 ug/cm<sup>2</sup>, or 0.5% lead by weight

**Units :** ppm = Parts Per Million, % = Percent By Weight, ug/ft<sup>2</sup> = Microgram Per Square Foot, mg/cm<sup>2</sup> = milligrams per square centimeter

**Pass :** Wipe and soil results < or = Threshold Limit, - Paint results < Threshold Limit

**Fail :** Dust and soil results > Threshold Limit, - Paint results > or = Threshold Limit





1300 Williams Drive  
Marietta, GA 30066  
770-427-9456  
Fax 770-427-1907

**Atlanta Housing Authority**  
DEVELOPMENT: **Grady Homes**  
ADDRESS: **Business Management Office**

UNIT TYPE: **Targeted**  
BUILDING #:  
APT. #:

DATE: **8/20/99** TIME: **01:20 PM**  
CONTROL NO.: **7**  
INSPECTOR: **Ryan Williams**

Sample No.	Type	Room	Wall #	Surface	Substrate	Condition	Dimensions		Sample Comments	Result	Pass/Fail
							L	W			
242	Wipe	Office	F	Floor	Concrete	Intact	12	12	Sampled middle of room	< 16.40 ug/ft2	PASS
243	Wipe	Office	C	Window Well	Metal	Intact	35	2	Sampled window C3	453.19 ug/ft2	PASS
244	Wipe	Office	F	Floor	Vinyl Tile	Intact	12	12	Sampled middle of room	< 16.40 ug/ft2	PASS
245	Wipe	Office	A	Window Well	Metal	Intact	35	2	Sampled only window	372.75 ug/ft2	PASS

**Additional Comments:**

**Permissible Thresholds** Window Wells = 800 ug/ft2, Window Sills = 250 ug/ft2, Floors = 40 ug/ft2, Soil (Non-Playground)=2,000 ppm, Soil (Playground)=400 ppm, Paint =1 ug/cm2, or 0.5% lead by weight

**Units :** ppm = Parts Per Million, % = Percent By Weight, ug/ft2 = Microgram Per Square Foot, mg/cm2 = milligrams per square centimeter

**Pass :** Wipe and soil results < or = Threshold Limit, - Paint results < Threshold Limit

**Fail :** Dust and soil results > Threshold Limit, - Paint results > or = Threshold Limit



1300 Williams Drive  
Marietta, GA 30066  
770-427-9456  
Fax 770-427-1907

Atlanta Housing Authority  
DEVELOPMENT: Grady Homes  
ADDRESS: Daycare Center

UNIT TYPE: Targeted  
BUILDING #:  
APT. #:

DATE: 8/20/99 TIME: 01:20 PM  
CONTROL NO.: 7  
INSPECTOR: Ryan Williams

Sample No.	Type	Room	Wall #	Surface	Substrate	Condition	Dimensions		Sample Comments	Result	Pass/Fail
							L	W			
246	Wipe	Daycare Center	F	Floor	Concrete	Intact	12	12	Sampled middle of room	< 16.40 ug/ft2	PASS
247	Wipe	Daycare Center	C	Window Sill	Wood	Intact	32	1.75	Sampled left window.	72.26 ug/ft2	PASS

**Additional Comments:**

**Permissible Thresholds** Window Wells = 800 ug/ft2, Window Sills = 250 ug/ft2, Floors = 40 ug/ft2, Soil (Non-Playground)=2,000 ppm, Soil (Playground)=400 ppm, Paint =1 ug/cm2, or 0.5% lead by weight

**Units :** ppm = Parts Per Million, % = Percent By Weight, ug/ft2 = Microgram Per Square Foot, mg/cm2 = milligrams per square centimeter

**Pass :** Wipe and soil results < or = Threshold Limit, - Paint results < Threshold Limit

**Fail :** Dust and soil results > Threshold Limit, - Paint results > or = Threshold Limit



1300 Williams Drive  
Marietta, GA 30066  
770-427-9456  
Fax 770-427-1907

Atlanta Housing Authority  
DEVELOPMENT: Grady Homes  
ADDRESS: Classroom

UNIT TYPE: Targeted  
BUILDING #:  
APT. #:

DATE: 8/20/99 TIME: 02:00 PM  
CONTROL NO.: 7  
INSPECTOR: Ryan Williams

Sample No.	Type	Room	Wall #	Surface	Substrate	Condition	Dimensions			Sample Comments	Result	Pass/Fail
							L	x	W			
248	Wipe	Classroom	F	Floor	Concrete	Intact	12	12		Sampled middle of room	< 16.40 ug/ft2	PASS
249	Wipe	Classroom	A	Window Well	Metal	Intact	35	1.5		Sampled left window	535.95 ug/ft2	PASS
250	Blank									Blank per 50 samples	< 16.40 ug/ft2	

**Additional Comments:**

**Permissible Thresholds** Window Wells = 800 ug/ft2, Window Sills = 250 ug/ft2, Floors = 40 ug/ft2, Soil (Non-Playground)=2,000 ppm, Soil (Playground)=400 ppm, Paint =1 ug/cm2, or 0.5% lead by weight

**Units :** ppm = Parts Per Million, % = Percent By Weight, ug/ft2 = Microgram Per Square Foot, mg/cm2 = milligrams per square centimeter

**Pass :** Wipe and soil results < or = Threshold Limit, - Paint results < Threshold Limit

**Fail :** Dust and soil results > Threshold Limit, - Paint results > or = Threshold Limit



1300 Williams Drive  
Marietta, GA 30066  
770-427-9456  
Fax 770-427-1907

**Atlanta Housing Authority**  
DEVELOPMENT: **Grady Homes**  
ADDRESS: **Occupancy Specialist Office**

UNIT TYPE: **Targeted**  
BUILDING #:  
APT. #:

DATE: **8/20/99** TIME: **02:20 PM**  
CONTROL NO.: **7**  
INSPECTOR: **Ryan Williams**

Sample No.	Type	Room	Wall #	Surface	Substrate	Condition	Dimensions		Sample Comments	Result	Pass/Fail
							L	W			
251	Wipe	Office	F	Floor	Concrete	Intact	12	12	Sampled at entry	< 16.40 ug/ft2	PASS
252	Wipe	Office	A	Window Well	Metal	Intact	32	1.5	Sampled window A2	254.40 ug/ft2	PASS

**Additional Comments:**

**Permissible Thresholds** Window Wells = 800 ug/ft2, Window Sills = 250 ug/ft2, Floors = 40 ug/ft2, Soil (Non-Playground)=2,000 ppm, Soil (Playground)=400 ppm, Paint =1 ug/cm2, or 0.5% lead by weight

**Units :** ppm = Parts Per Million, % = Percent By Weight, ug/ft2 = Microgram Per Square Foot, mg/cm2 = milligrams per square centimeter

**Pass :** Wipe and soil results < or = Threshold Limit, - Paint results < Threshold Limit

**Fail :** Dust and soil results > Threshold Limit, - Paint results > or = Threshold Limit



1300 Williams Drive  
Marietta, GA 30066  
770-427-9456  
Fax 770-427-1907

Atlanta Housing Authority  
DEVELOPMENT: Grady Homes  
ADDRESS: Leasing Office

UNIT TYPE: Targeted  
BUILDING #:  
APT. #:

DATE: 8/20/99 TIME: 02:20 PM  
CONTROL NO.: 7  
INSPECTOR: Ryan Williams

Sample No.	Type	Room	Wall # Surface	Substrate	Condition	Dimensions		Sample Comments	Result	Pass/Fail
						L	x W			
253	Soil	Exterior Foundation			Poor			Sampled bare spots around building perimeter	82.10 ppm	PASS
254	Soil	Exterior Yard			Poor			Sampled bare spots around building perimeter	101.14 ppm	PASS

#### Additional Comments:

**Permissible Thresholds** Window Wells = 800 ug/ft<sup>2</sup>, Window Sills = 250 ug/ft<sup>2</sup>, Floors = 40 ug/ft<sup>2</sup>, Soil (Non-Playground)=2,000 ppm, Soil (Playground)=400 ppm, Paint =1 ug/cm<sup>2</sup>, or 0.5% lead by weight

**Units :** ppm = Parts Per Million, % = Percent By Weight, ug/ft<sup>2</sup> = Microgram Per Square Foot, mg/cm<sup>2</sup> = milligrams per square centimeter

**Pass :** Wipe and soil results < or = Threshold Limit, - Paint results < Threshold Limit

**Fail :** Dust and soil results > Threshold Limit, - Paint results > or = Threshold Limit



1300 Williams Drive  
Marietta, GA 30066  
770-427-9456  
Fax 770-427-1907

Atlanta Housing Authority  
DEVELOPMENT: Grady Homes  
ADDRESS: Community Center

UNIT TYPE: Targeted  
BUILDING #:  
APT. #:

DATE: 8/20/99 TIME: 02:40 PM  
CONTROL NO.: 7  
INSPECTOR: Ryan Williams

Sample No.	Type	Room	Wall #	Surface	Substrate	Condition	Dimensions		Sample Comments	Result	Pass/Fail
							L	W			
255	Wipe	Auditorium	F	Floor	Concrete	Intact	12	12	Sampled middle of auditorium	< 16.40 ug/ft2	PASS
256	Wipe	Auditorium	F	Floor	Concrete	Intact	12	12	Sampled middle of room	< 16.40 ug/ft2	PASS
257	Wipe	Lobby	A	Window Sill	Metal	Intact	29	3	Sampled left window	< 27.15 ug/ft2	PASS
258	Wipe	Computer Room	F	Floor	Concrete	Intact	12	12	Sampled middle of room	< 16.40 ug/ft2	PASS
259	Wipe	Hallway	F	Floor	Vinyl Tile	Intact	12	12	Sampled middle of room	< 16.40 ug/ft2	PASS
260	Soil	Exterior Yard				Poor			Sampled bare spots around building perimeter	84.31 ppm	PASS
261	Blank								End of day blank	< 16.40 ug/ft2	
262	Soil								Soil Spike# 32CS9	3,524.02 ppm	

#### Additional Comments:

**Permissible Thresholds** Window Wells = 800 ug/ft2, Window Sills = 250 ug/ft2, Floors = 40 ug/ft2, Soil (Non-Playground)=2,000 ppm, Soil (Playground)=400 ppm, Paint =1 ug/cm2, or 0.5% lead by weight

**Units :** ppm = Parts Per Million, % = Percent By Weight, ug/ft2 = Microgram Per Square Foot, mg/cm2 = milligrams per square centimeter

**Pass :** Wipe and soil results < or = Threshold Limit, - Paint results < Threshold Limit

**Fail :** Dust and soil results > Threshold Limit, - Paint results > or = Threshold Limit

**ATLANTA HOUSING AUTHORITY  
AUTHORITY WIDE LEAD-BASED PAINT RISK ASSESMENT  
SITE SAMPLING SUMMARY**

**Complex: Grady Homes ( 08 )**

**Site Address: 142 BELL STREET**

**Apt: ( 9042 )**

Report Date: 6/9/95

**Resident: PLAY AREA 1**

Page 1 of 1

Sample Type	Field Sample	Sample Type Description	Location Description	Wall	Substrate Description	Substrate Condition Description	Paint Condition Description	Wipe Dim. (sq. inches)	Pb Concentration	Units
Paint	P01	play area	handrail	no wall	painted metal	good	poor (other)		0.010	% Pb (by weight)
Soil	S01	playground	soil (general)	no wall	no substrate	soil	soil		16.000	ppm

**ATLANTA HOUSING AUTHORITY  
AUTHORITY WIDE LEAD-BASED PAINT RISK ASSESMENT  
SITE SAMPLING SUMMARY**

**Complex: Grady Homes ( 08 )**

**Site Address: 148 BELL STREET**

**Apt: ( 8037 )**

Report Date: 6/9/95

**Resident: YOUTH CENTER**

Page 1 of 1

Sample Type	Field Sample	Sample Type Description	Location Description	Wall	Substrate Description	Substrate Condition Description	Paint Condition Description	Wipe Dim. (sq. Inches)	Pb Concentration	Units
Paint	P01	game room	door casing	wall #1	painted metal	fair	poor (peeling)		0.010	% Pb (by weight)
Paint	P02	game room	column	wall #5	painted concrete	fair	poor (peeling)		0.010	% Pb (by weight)
Paint	P03	game room	wall	wall #3	plaster	poor (dusty)	poor (peeling)		0.061	% Pb (by weight)
Soil	S01	outside community area	3' from foundation	wall #5	no substrate	soil	soil		97.000	ppm
Soil	S02	outside community area	10'-20' from foundation	wall #5	no substrate	soil	soil		110.000	ppm
Wipe	W01	game room	window sill	wall #2	brick/block masonry	fair	fair	160	6.300	micrograms/ft2
Wipe	W02	game room	floor (general)	wall #1	vinyl tile/ rubber	fair	fair	144	1.000	micrograms/ft2
Wipe	W03	game room	window sill	wall #2	brick/block masonry	fair	fair	160	79.200	micrograms/ft2
Wipe	W04	game room	floor (general)	wall #3	vinyl tile/ rubber	fair	fair	144	1.000	micrograms/ft2



**ATLANTA HOUSING AUTHORITY  
AUTHORITY WIDE LEAD-BASED PAINT RISK ASSESMENT  
SITE SAMPLING SUMMARY**

Complex: Grady Homes ( 08 )

Site Address: 148 BELL ST SE

Apt: Apt. 115 ( 1223 )

Resident: BILLIE JEAN HILL

Report Date: 6/9/95

Page 1 of 1

Sample Type	Field Sample	Sample Type Description	Location Description	Wall	Substrate Description	Substrate Condition Description	Paint Condition Description	Wipe Dim. (sq. Inches)	Pb Concentration	Units
Paint	P01	exterior	stair riser	wall #1	painted concrete	fair	poor (peeling)		0.019	% Pb (by weight)
Paint	P02	exterior	lattice	wall #1	painted metal	fair	poor (peeling)		3.302	% Pb (by weight)
Soil	S01	outside dwelling	3' from foundation	wall #1	no substrate	soil	soil		179.000	ppm
Soil	S02	outside dwelling	10'-20' from foundation	wall #1	no substrate	soil	soil		161.000	ppm
Wipe	W01	living room	window sill	wall #1	painted metal	fair	fair	36	4.000	micrograms/ft2
Wipe	W02	living room	floor (general)	wall #3	vinyl tile/ rubber	fair	fair	144	3.000	micrograms/ft2
Wipe	W03	kitchen	window sill	wall #3	painted metal	fair	fair	36	8.000	micrograms/ft2
Wipe	W04	kitchen	floor (general)	wall #1	vinyl tile/ rubber	fair	fair	144	3.000	micrograms/ft2
Wipe	W05	bedroom #1	window well	wall #3	painted metal	fair	fair	72	28.000	micrograms/ft2
Wipe	W06	bedroom #1	floor corner	wall #1	vinyl tile/ rubber	fair	fair	144	4.000	micrograms/ft2
Wipe	W07	bedroom #2	window well	wall #5	painted metal	fair	fair	72	62.000	micrograms/ft2
Wipe	W08	bedroom #2	floor corner	wall #1	vinyl tile/ rubber	fair	fair	144	6.000	micrograms/ft2

**ATLANTA HOUSING AUTHORITY  
AUTHORITY WIDE LEAD-BASED PAINT RISK ASSESMENT  
SITE SAMPLING SUMMARY**

**Complex: Grady Homes ( 08 )**

**Site Address: PARKING LOT**

**Apt: ( 9048 )**

Report Date: 6/9/95

**Resident: PARKING LOT**

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Sample Type	Field Sample	Sample Type Description	Location Description	Wall	Substrate Description	Substrate Condition Description	Paint Condition Description	Wipe Dim. (sq. Inches)	Pb Concentration	Units
Soil	S01	parking area	soil (general)	no wall	no substrate	soil	soil		345.000	ppm

**ATLANTA HOUSING AUTHORITY  
AUTHORITY WIDE LEAD-BASED PAINT RISK ASSESMENT  
SITE SAMPLING SUMMARY**

**Complex: Grady Homes ( 08 )**

**Site Address: 148 BELL ST SE**

**Apt: Apt. 115 ( 1223 )**

**Resident: BILLIE JEAN HILL**

Report Date: 6/9/95

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**ATLANTA HOUSING AUTHORITY  
AUTHORITY WIDE LEAD-BASED PAINT RISK ASSESMENT  
SITE SAMPLING SUMMARY**

**Complex: Grady Homes ( 08 )**

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